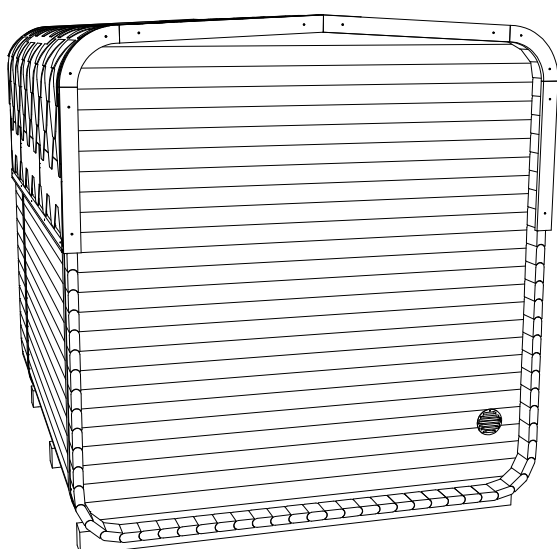
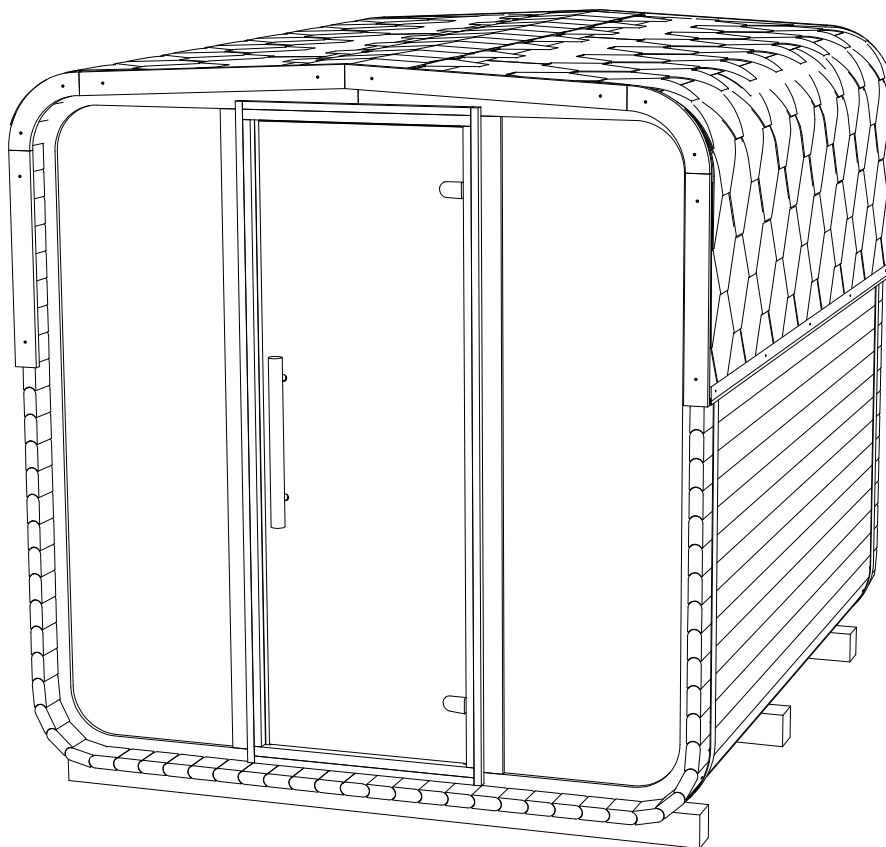
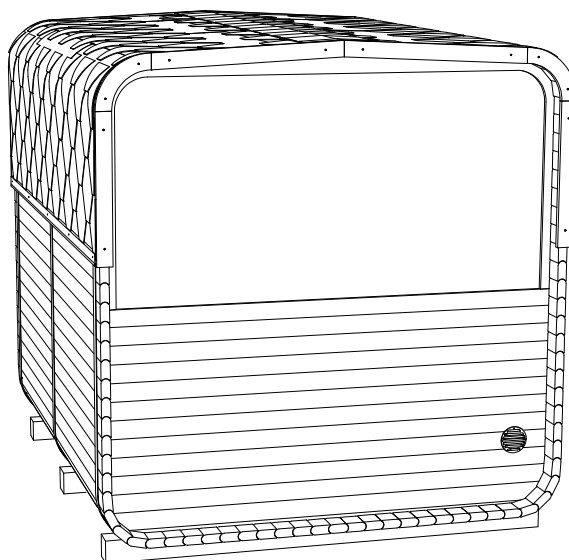


# SQUARE SAUNA ASSEMBLY INSTRUCTIONS



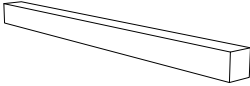
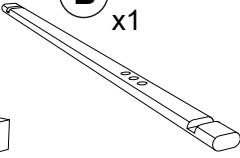
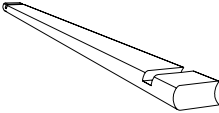
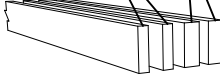
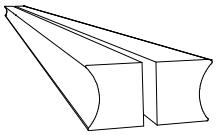
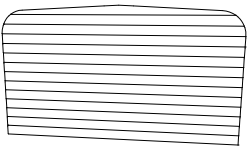

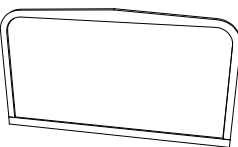
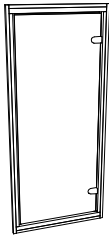
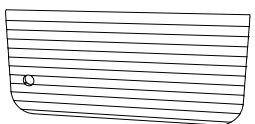
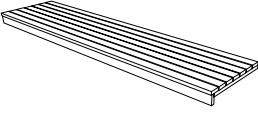
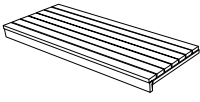
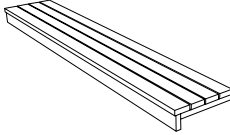
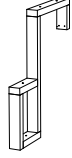
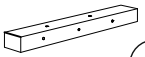

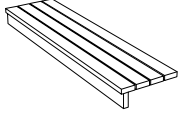

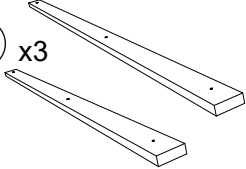
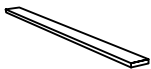
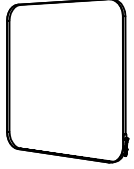
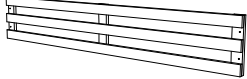

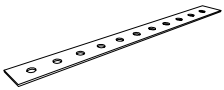

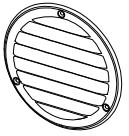
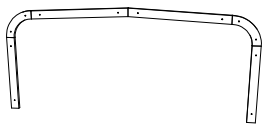

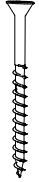



K-210



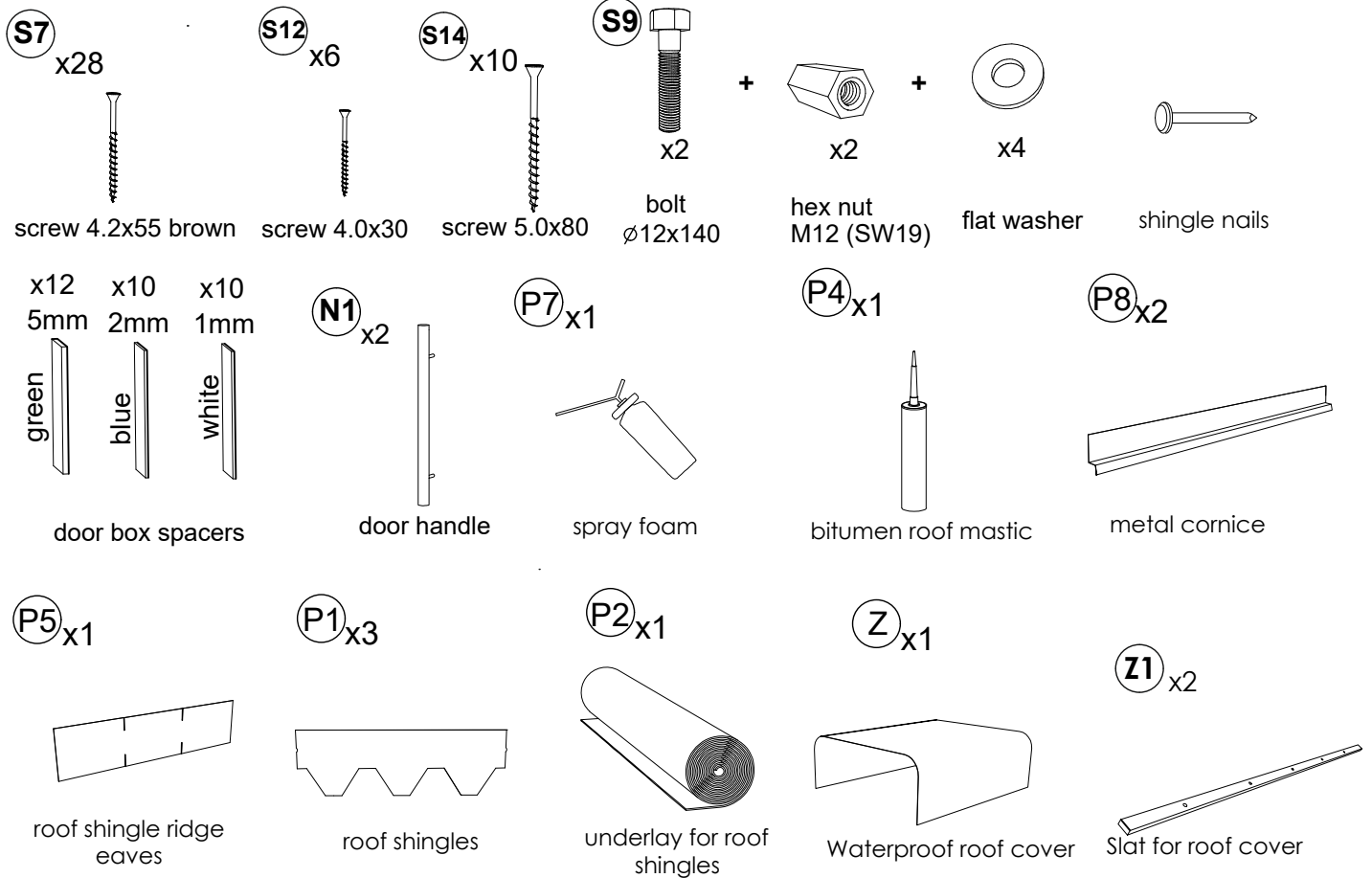
KP-210

**Note: Please read the manual before construction**

## PARTS LIST

<b>A</b> x3  cradle	<b>B</b> x1  front center stave	<b>C</b> x96  body stave	<b>H1</b> x4 10mm 15mm  different thickness filling peaces	<b>H</b> x2  final H tipe stave at the top
<b>V3</b> x1  upper rear panel	<b>F</b> x2  front panel	<b>V1</b> x1  upper rear panel (panoramic)	<b>F2</b> x1  door and door moldings	<b>V</b> x1  bottom rear panel
<b>J</b> x1  sauna bench	<b>J4</b> x1  sauna bench(short)	<b>J5</b> x1  sauna bench step(long)	<b>J1</b> x4  supporting leg	<b>J3</b> x2  <b>J8</b> x1  support board for sauna bench
<b>J7</b> x1  sauna bench step(short)	<b>L</b> x2  sauna floor	<b>J2</b> x3 <b>J6</b> x3  rear and side wall backrest	<b>O</b> x1  roof board	<b>I</b> x2  metal band
<b>J2</b> x1  backrest in front of panorama window	<b>x2</b>  wood pin	<b>D</b> x1  metal bracket	<b>Y</b> x1  rubber seal	<b>Y1</b> x1  ventilation grill cover
<b>W</b> x12  decorative roof finishing boards	<b>S11</b> x44  screw 4.0x40	<b>S1</b> x88  screw 5.0x100 SS	<b>S10</b> x160  screw 4.0x60	<b>S4</b> x4  screw 5.0x120
				<b>S6</b> x70  screw 5.0x70 SS

## PARTS LIST



## RECOMMENDATION



2 person recommended

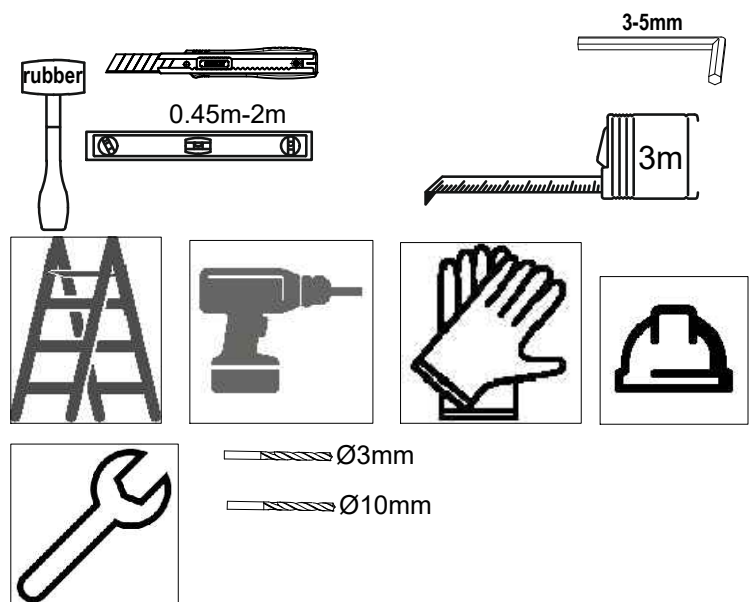
Before you begin, be sure the sauna will fit in your chosen location.

Be sure the site is level and free of standing water after rainfall.

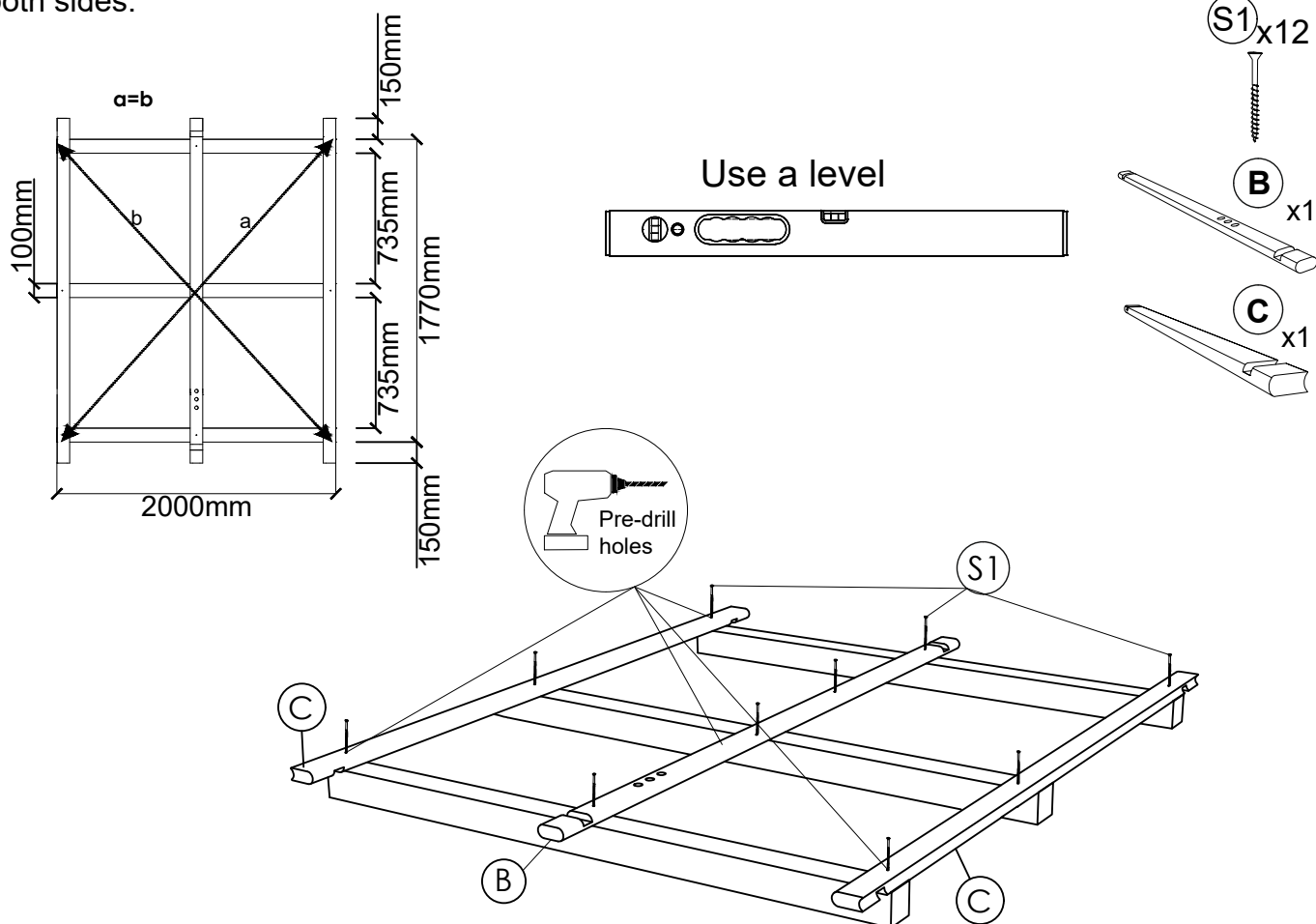
Concrete, pavers or crushed stone is preferred.

Check parts before construction.

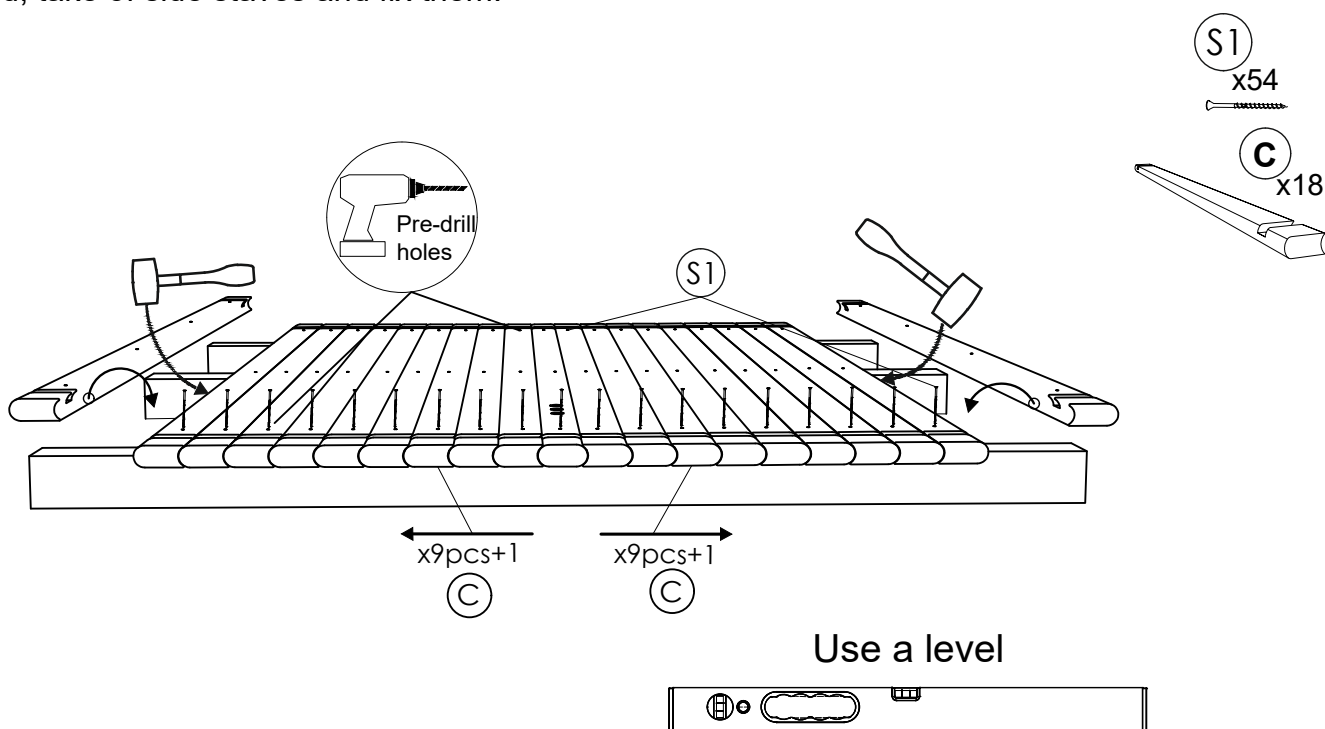
## TOOLS REQUIRED



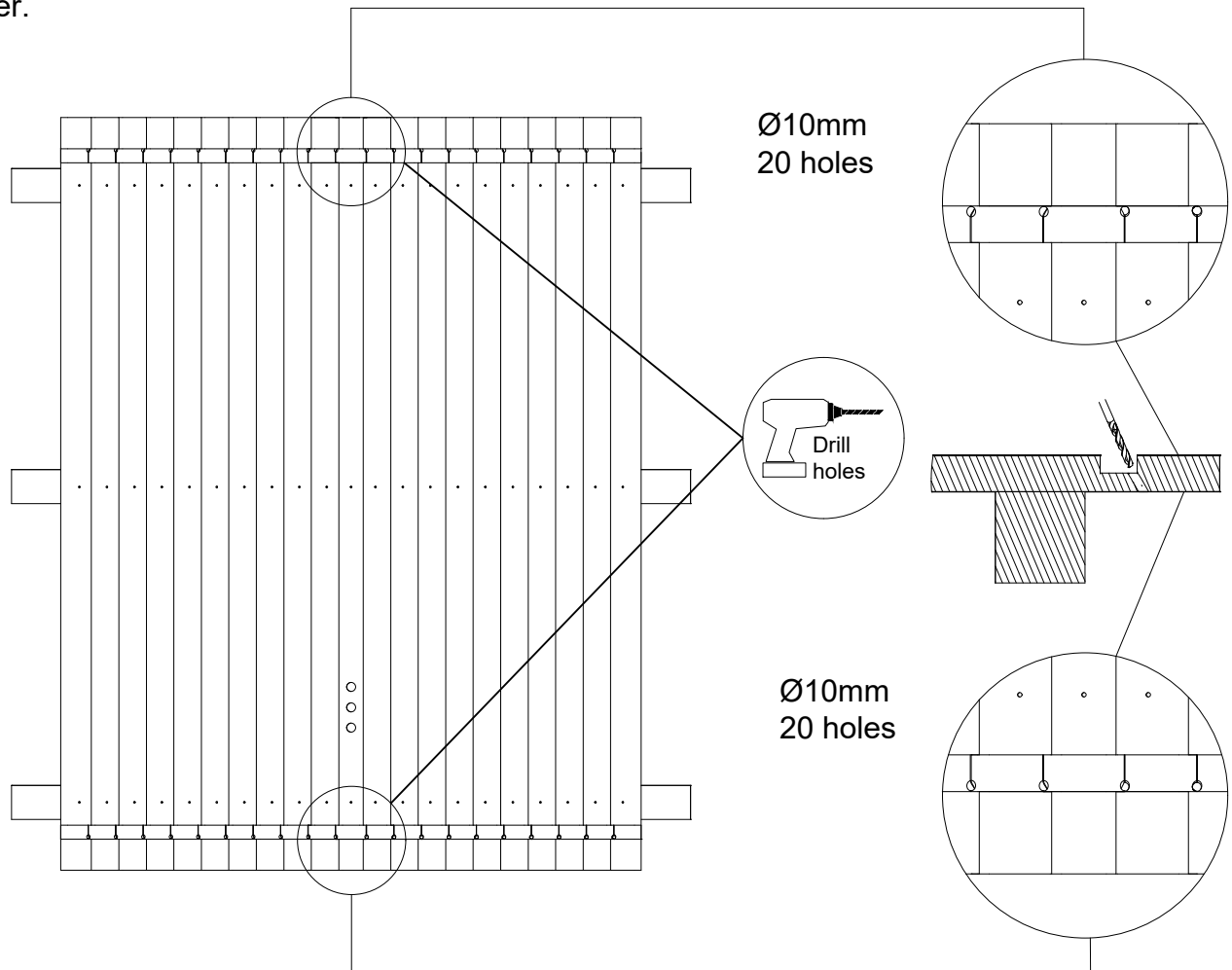
**STEP 1:** Place cradles on prepared surface. The base for sauna cradles must be leveled and sturdy. Measure diagonally from corner to corner. Measurements "a" and "b" should be equal. The distance between cradles are in picture. Fix staves on both sides of the cradles to prevent any change in measurements. Check levels again. Pre-drill holes before fix staves with screws. Fix the center stave (B) in the middle of the cradles. Leave the stave 150mm over the cradle on both sides.



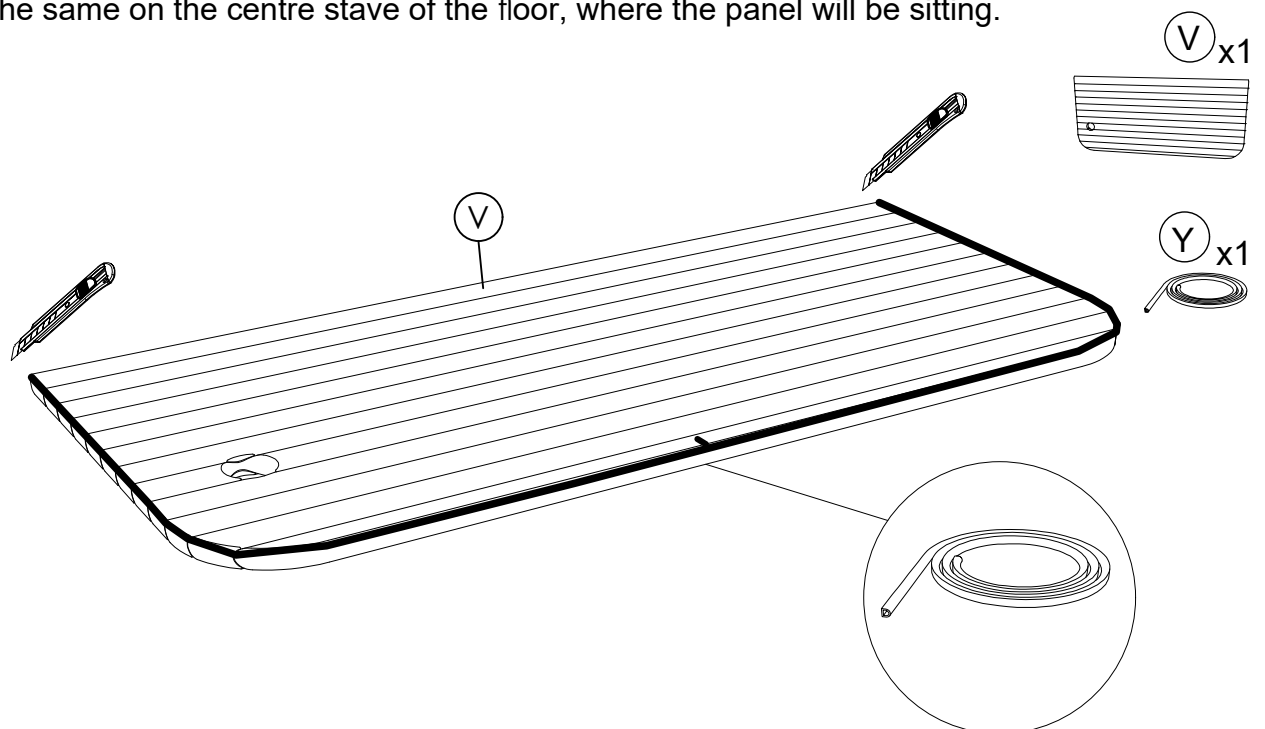
**STEP 2:** Fix 9 staves (C) to each side from the center stave. Check level while installing staves and use rubber hammer for tighter placement. Pre-drill holes for screws. After 9 staves are fixed, take of side staves and fix them.



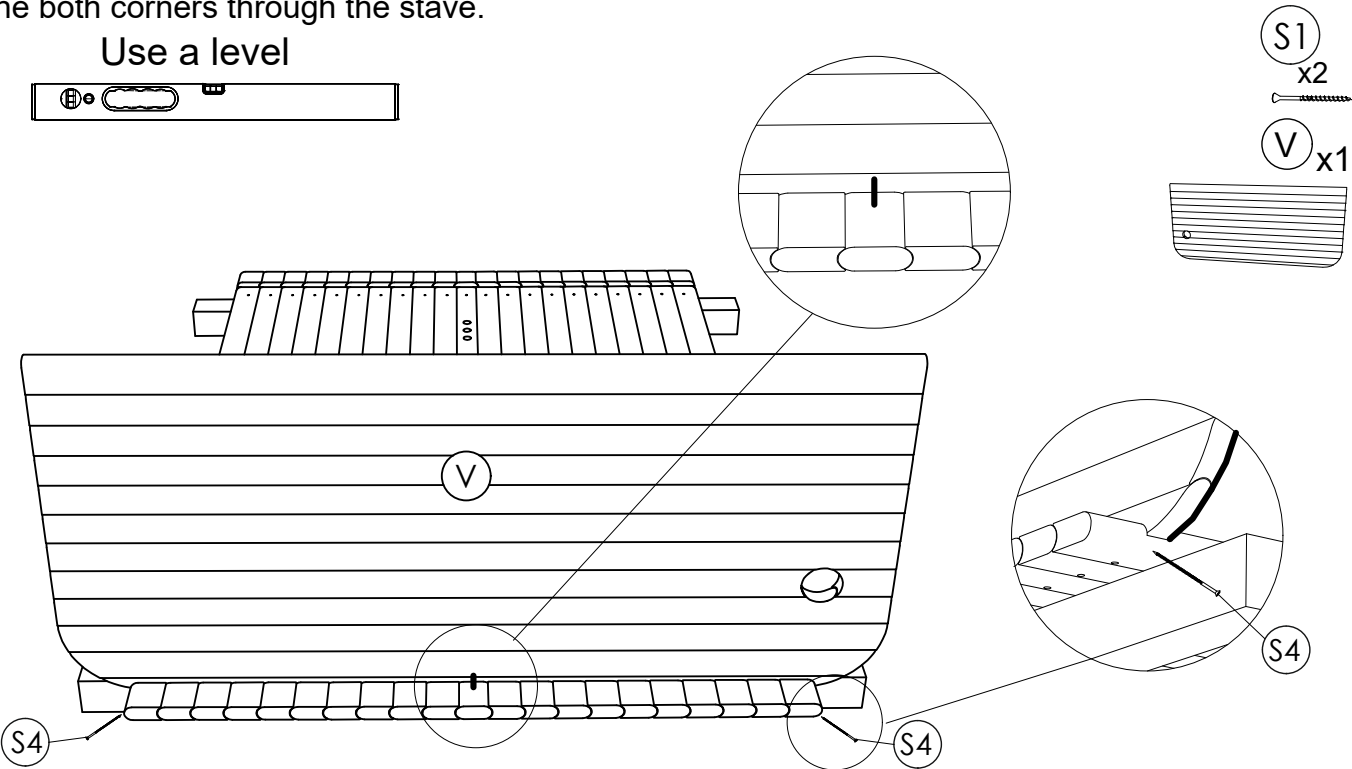
**STEP3:** Drill twenty 10mm holes in front and back wall groove to the out-side in board connections as shown in the picture. Drill them in  $\approx 30^\circ$  angle. This will help drain excess water faster.



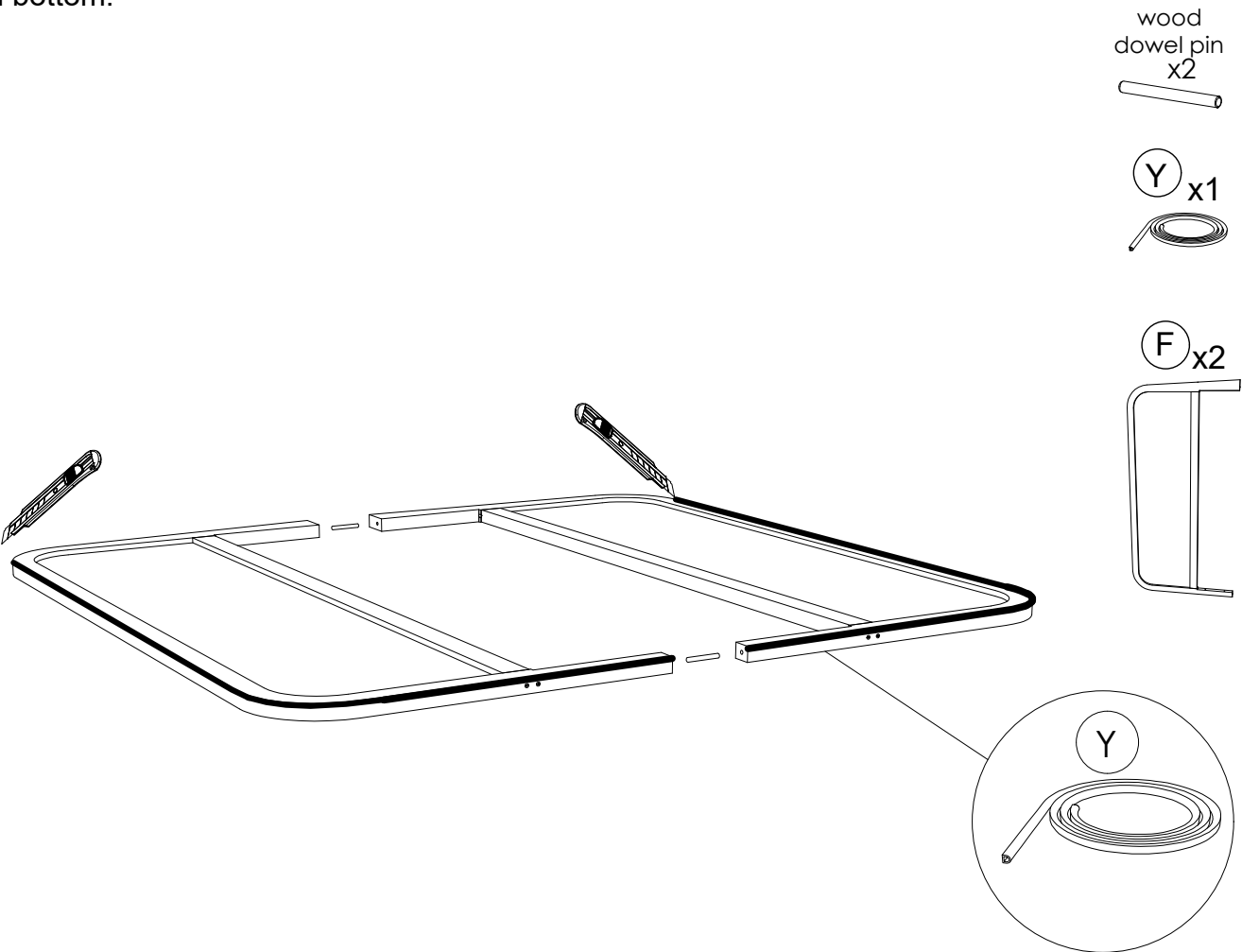
**STEP 4:** Attach rubber seal along the rear panel's edge (inside). See next step to understand panel placement. At the bottom of the rear panel (V), draw a line where the centre of the panel is. Do the same on the centre stave of the floor, where the panel will be sitting.



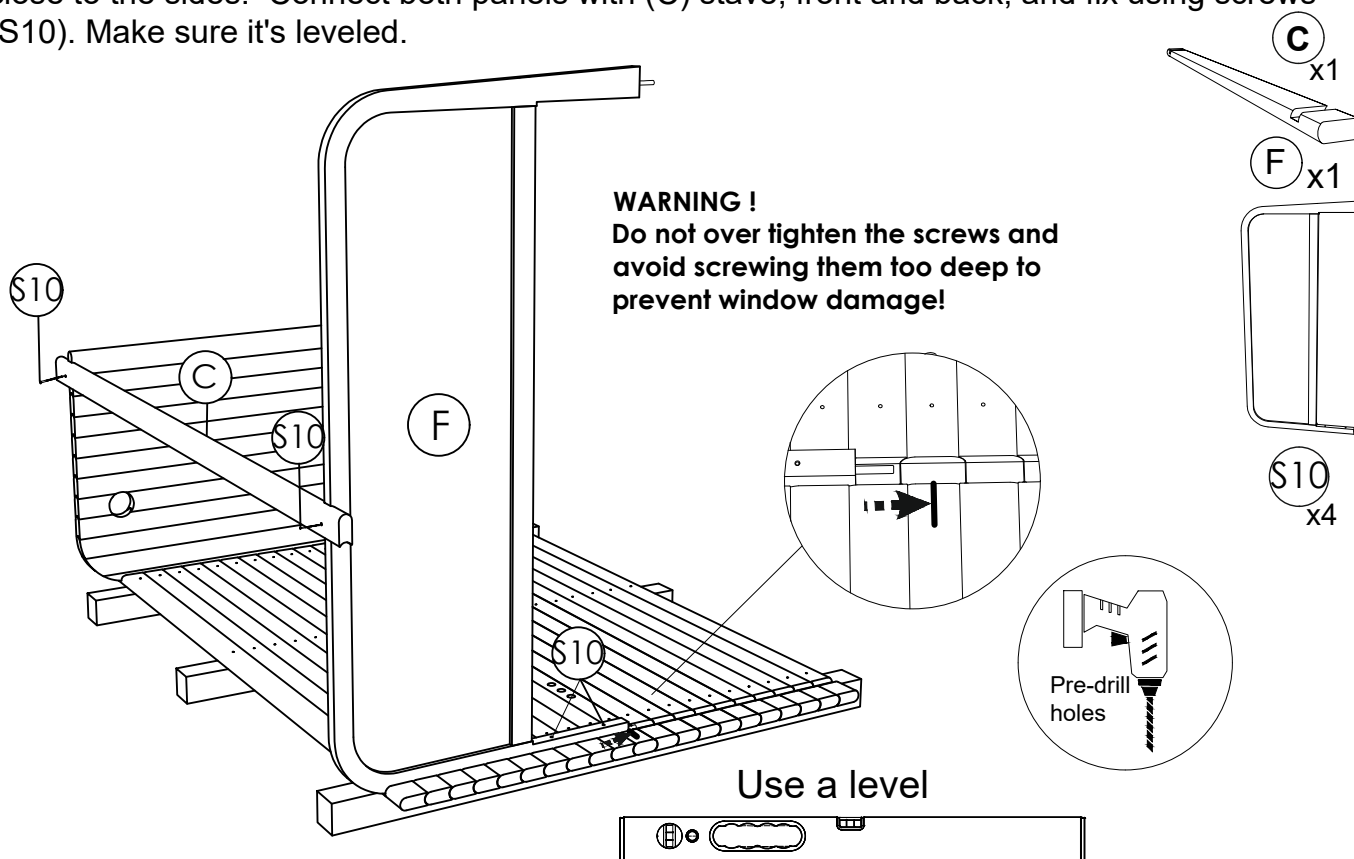
**STEP 5:**Place rear bottom panel (V) in the board groove. Ventilation on the right side. Rubber seal can't cover excess water holes. Check that the panel is level. Secure panel with screws (S4) at the both corners through the stave.



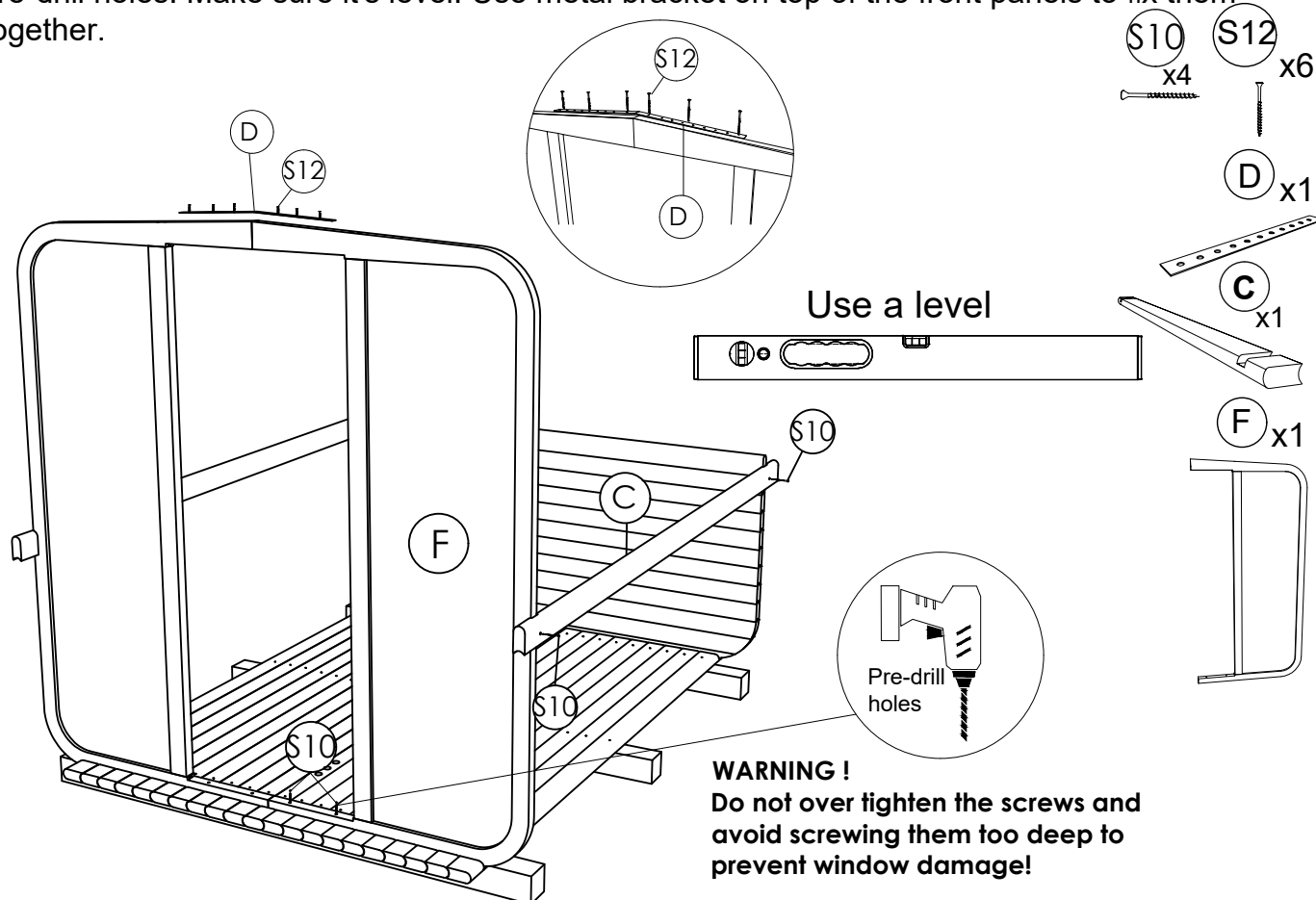
**STEP 6:** Attach rubber seal along the edge of both front panels (F) on the inside edge, that seal won't cover excess water holes in the groove. Insert wood pin in both holes of the front panel top and bottom.



**STEP 7:** Draw a line on the center stave where the middle is. Take one of the panels (F) and put it directly next to the middle line. Rubber seal can't cover excess water holes. Fix it at the panel threshold with screws (S10). Pre-drill holes in the panel threshold, evenly spaced and not too close to the sides. Connect both panels with (C) stave, front and back, and fix using screws (S10). Make sure it's leveled.

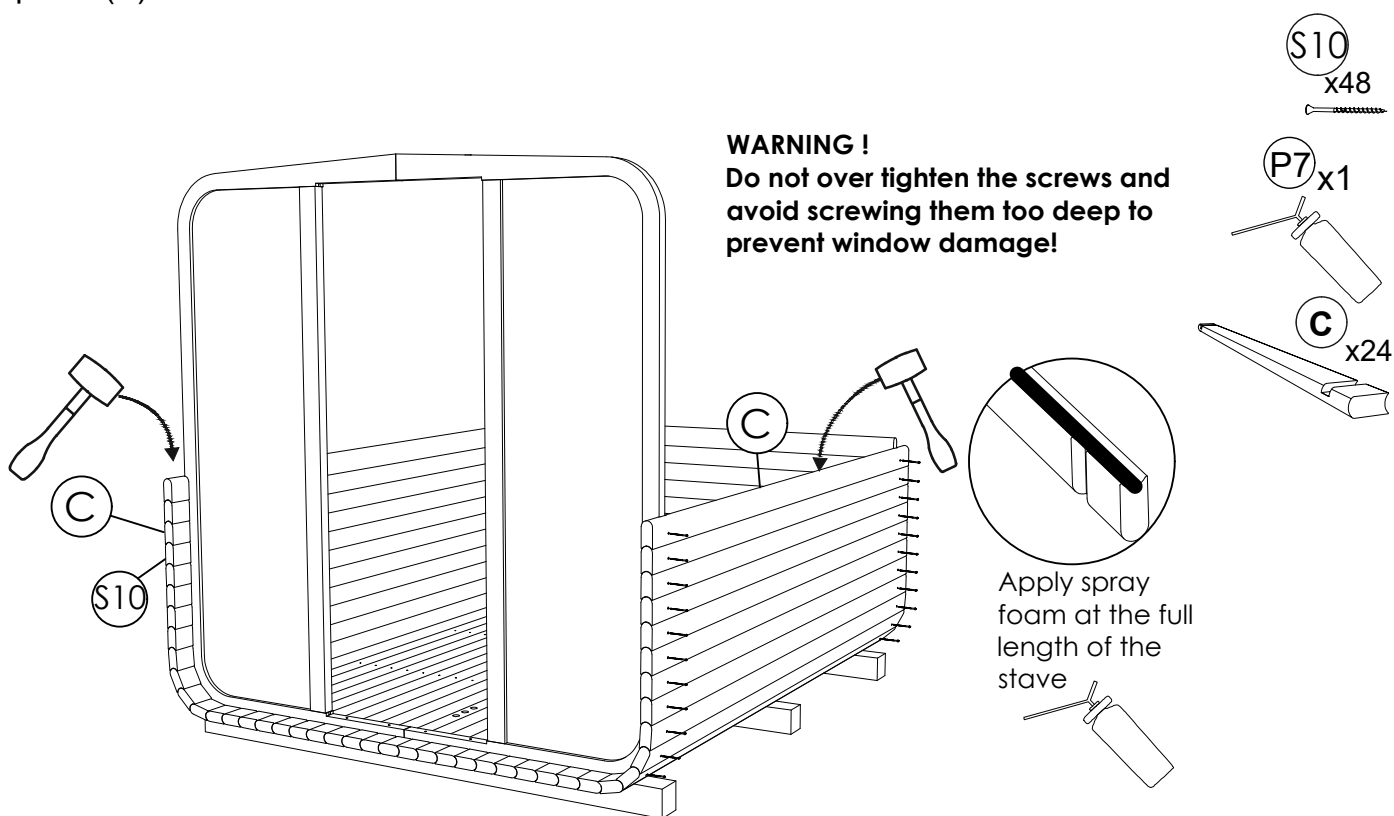


**STEP 8:** Place the second front panel (F). Rubber seal can't cover excess water holes. Slide it together that the top and bottom connects. Fix it at the panel threshold with screws (S10) pre-drill holes. Make sure it's level. Use metal bracket on top of the front panels to fix them together.

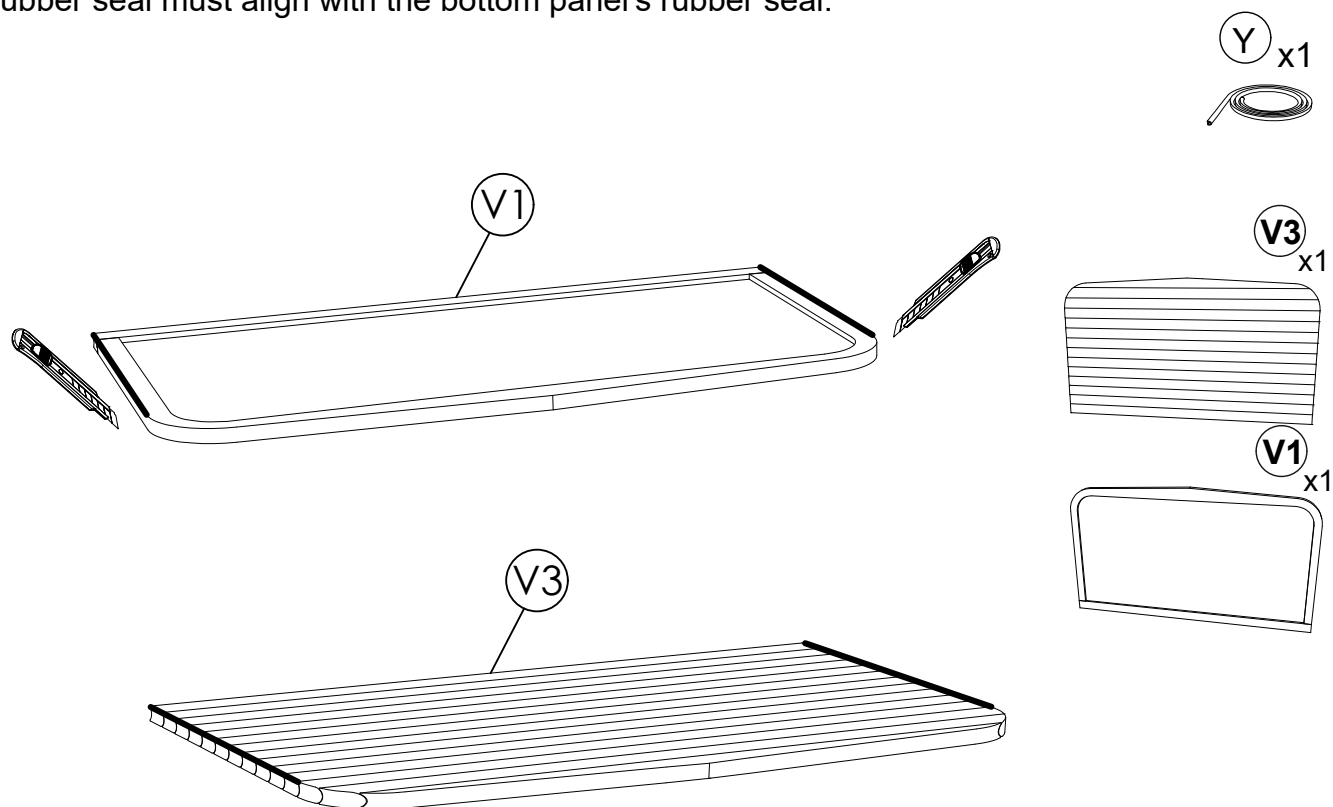


**STEP 9:** Fix 12 staves (C) on both sides with screws (S10). Use rubber hammer for tighter placement. Use spray foam between every staff. Keep fixing staves till reach top of the rear panel (V).

**WARNING !**  
Do not over tighten the screws and avoid screwing them too deep to prevent window damage!



**STEP 10:** Attach rubber seal on both sides inside edge, from the bottom to start of the corner. Rubber seal must align with the bottom panel's rubber seal.

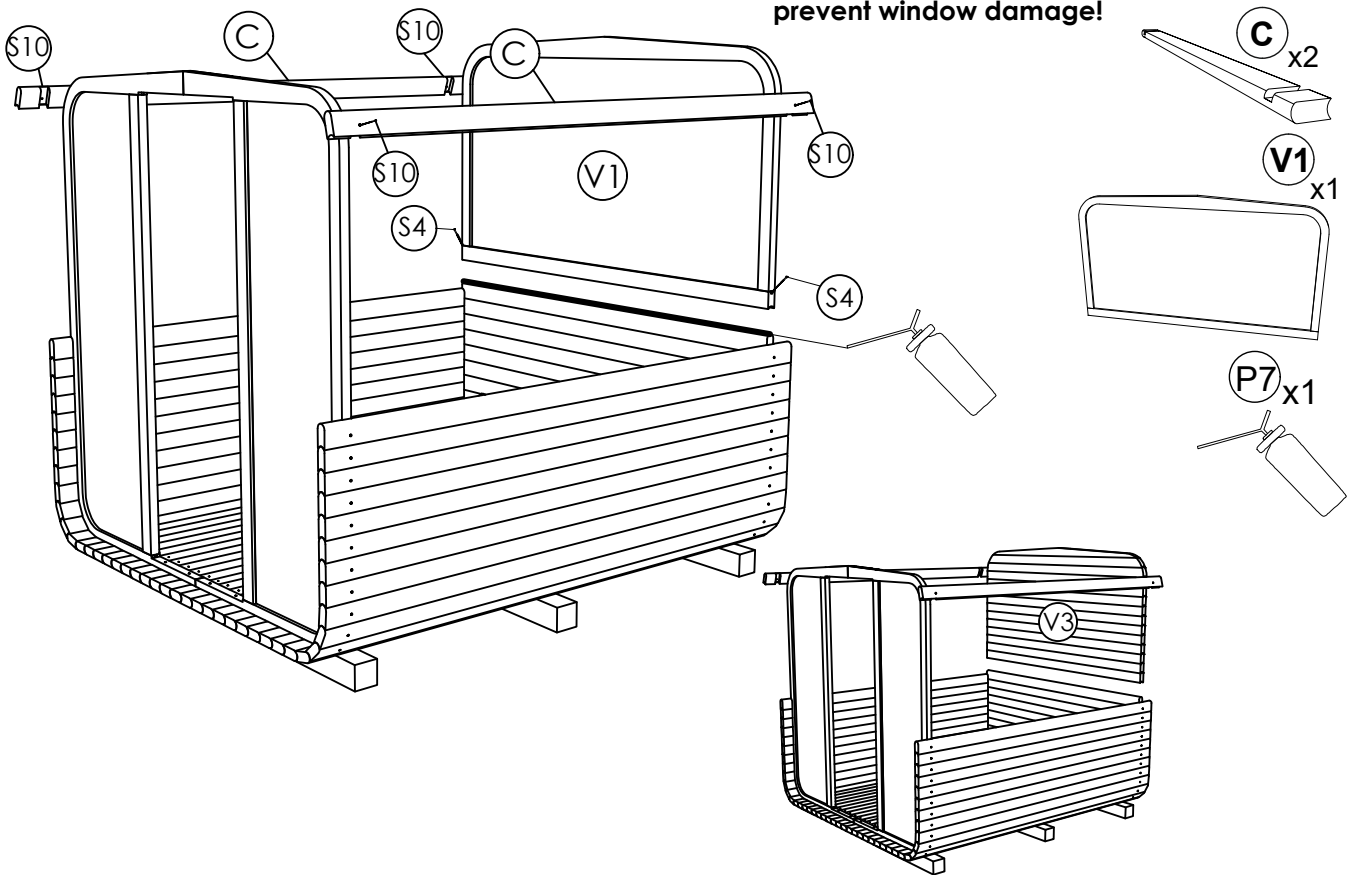




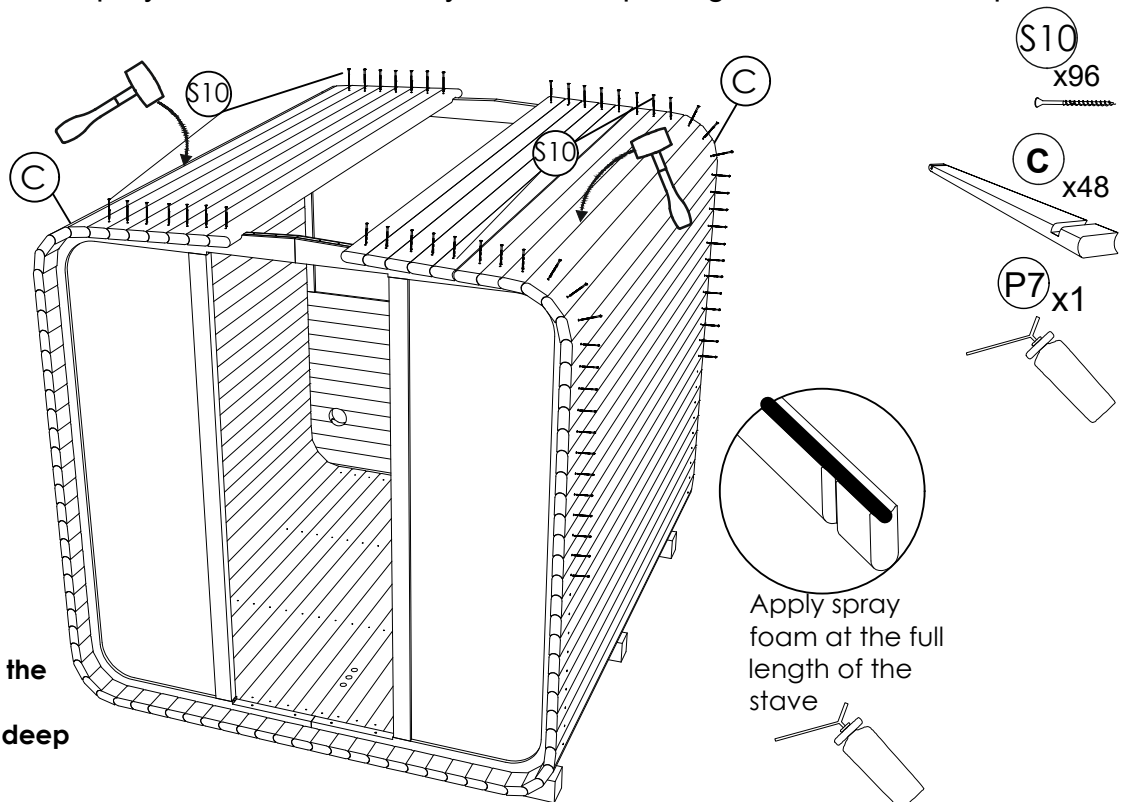
**STEP 11:** Install the panoramic panel (V1) or panel (V3) with caution. Use spray foam between panels for better insulation. Place it on top of the lower back panel (V). Check level and that side edges are aligned with bottom panel. One keeps holding the panel, and the other is fixing the side stave on a upper curve using screws (S10). Secure the panel (V1;V3) at the both corners using two screws (S4).

**WARNING !**

Do not over tighten the screws and avoid screwing them too deep to prevent window damage!



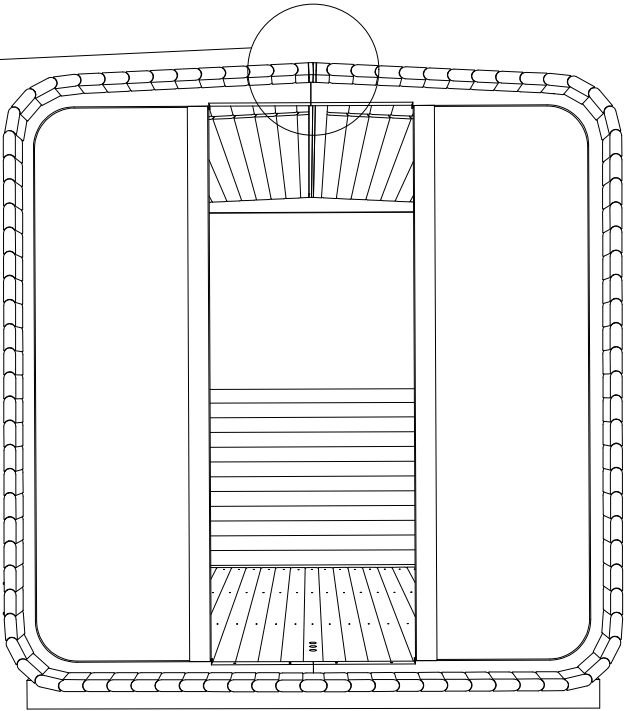
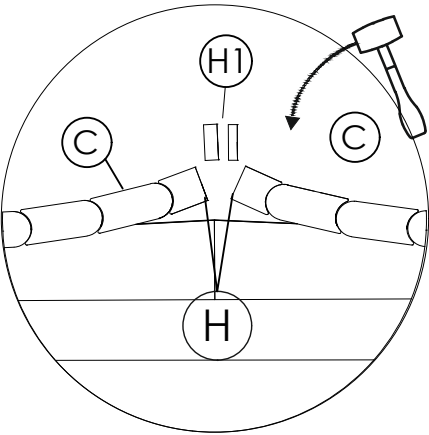
**STEP 12:** Fix 24 staves (C; C1) on both sides with screws (S10). Use rubber hammer for tighter placement. Use spray foam between every stave. Keep fixing staves till reach top of the roof.



**WARNING !**

Do not over tighten the screws and avoid screwing them too deep to prevent window damage!

**STEP 13:** Finish roof with (C) staves and final staves (H).If needed, use thinner staves (H1) to fill the gap between (H) staves and apply spray foam between staves. Make sure that centre of the roof is tightly filled, then fix with screws (S10).



S10  
x12

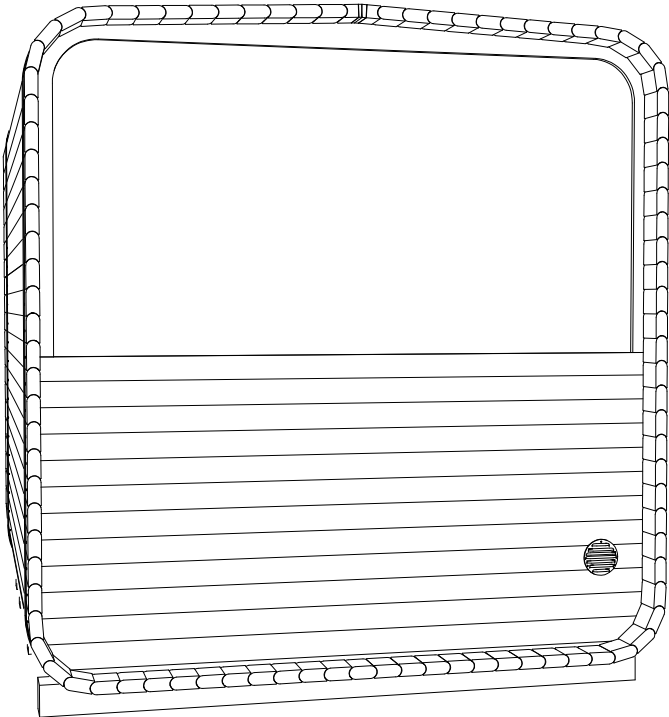
C  
x4

H1  
x4

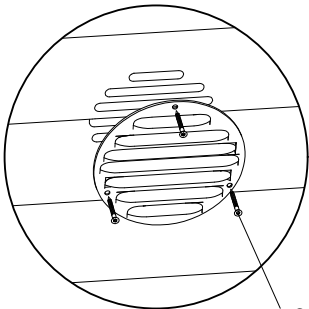
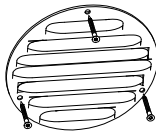
H  
x2

P7  
x1

**STEP 14** Install ventilation grill from outside over the ventilation cuts.

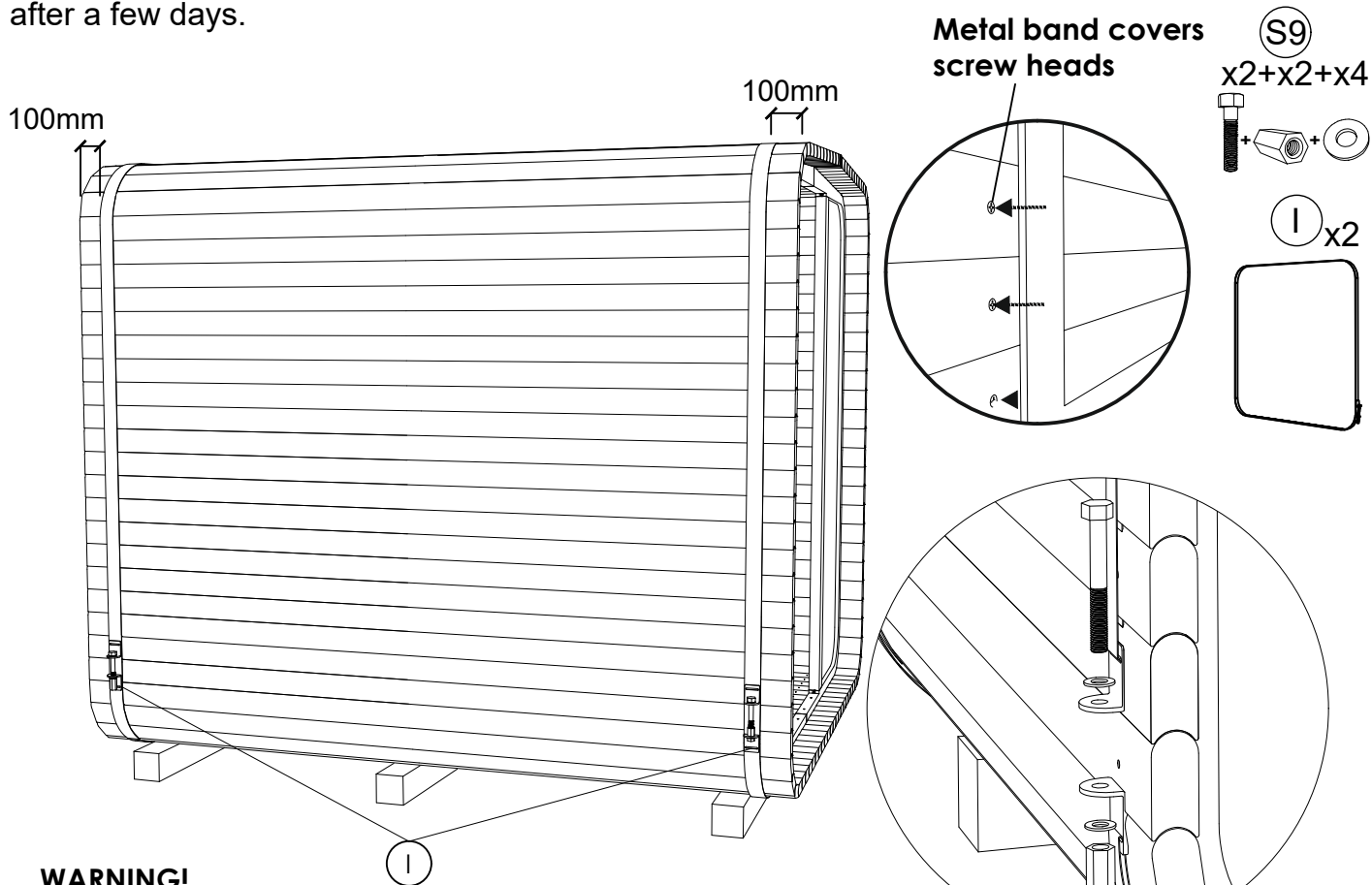


Y1  
x1



screw 3.0x25

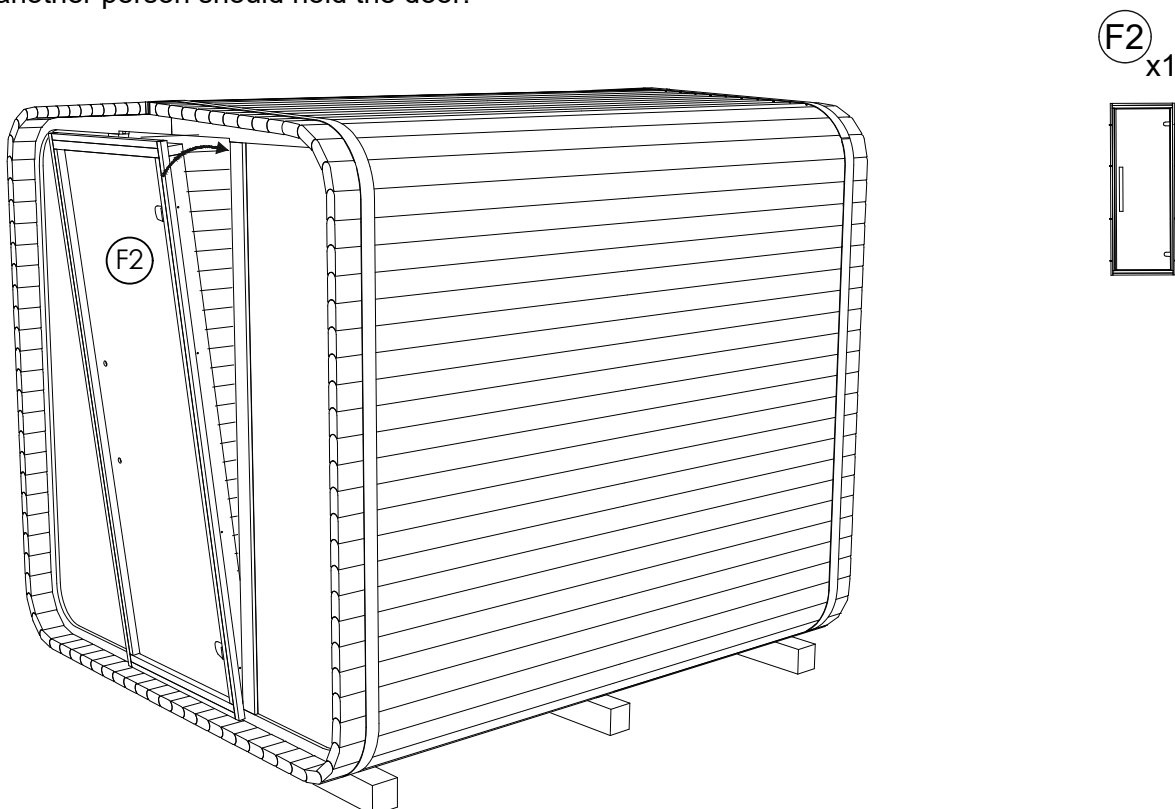
**STEP 15:** Install metal bands over the screw heads. Screws (S9) must be placed as shown in picture, then tighten the screws. Check the bands align evenly all around the sauna 100mm from the back and front, and check that band don't cover holes for excess water. Keep tightening bands till you feel strong resistance, bands can't be loose. Re-tighten the bands after a few days.



**WARNING!**

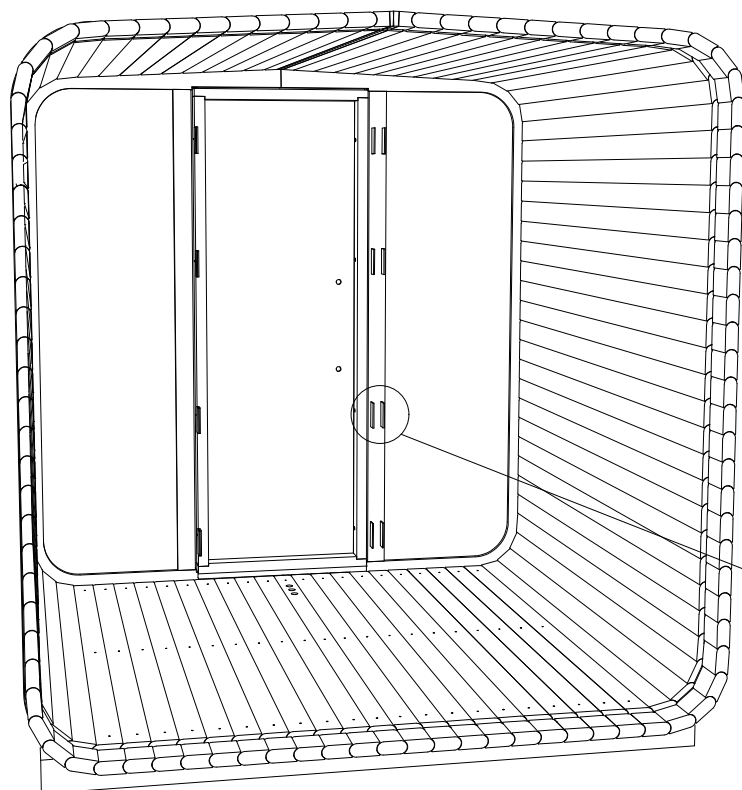
The band tensioner must be placed above or under the corner. Band must be really tight.

**STEP 16:** Install the doors (F2). Put the doors on threshold and lay in frame about in the middle. Fix doors with clamps or another person should hold the door.

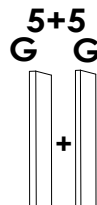


**STEP 17:** Put plastic spacers in the gap between the door box and the front panel where the screws go. Combine spacers for best width. Spacer must fit tightly.

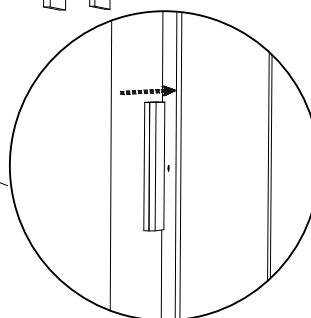
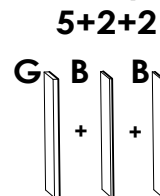
x12	x10	x10
5mm	2mm	1mm
green	blue	white



**example**



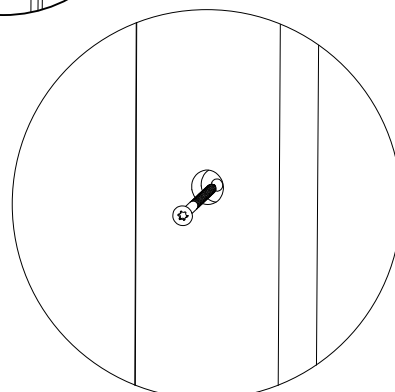
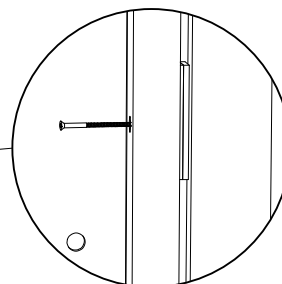
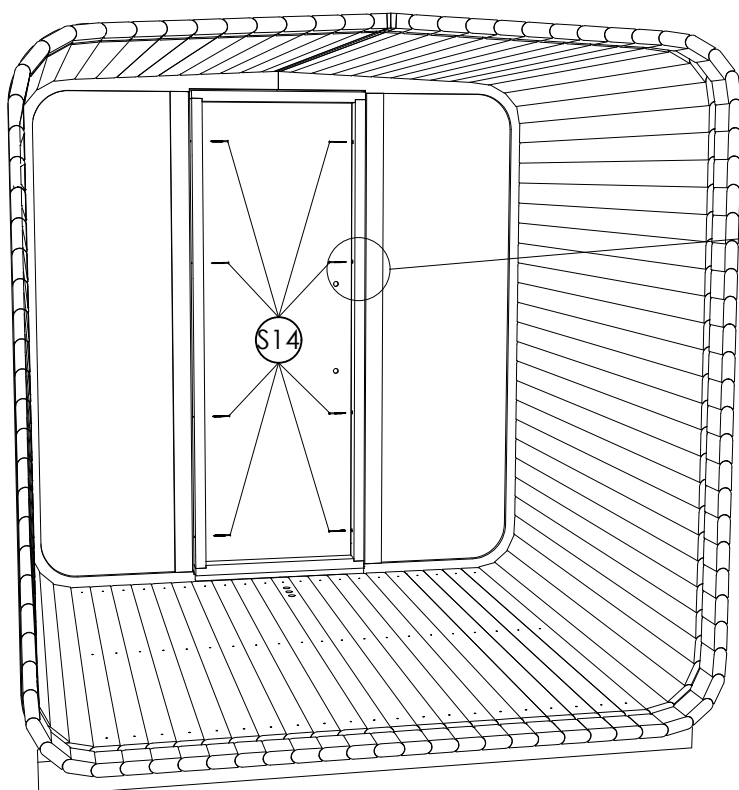
**example**



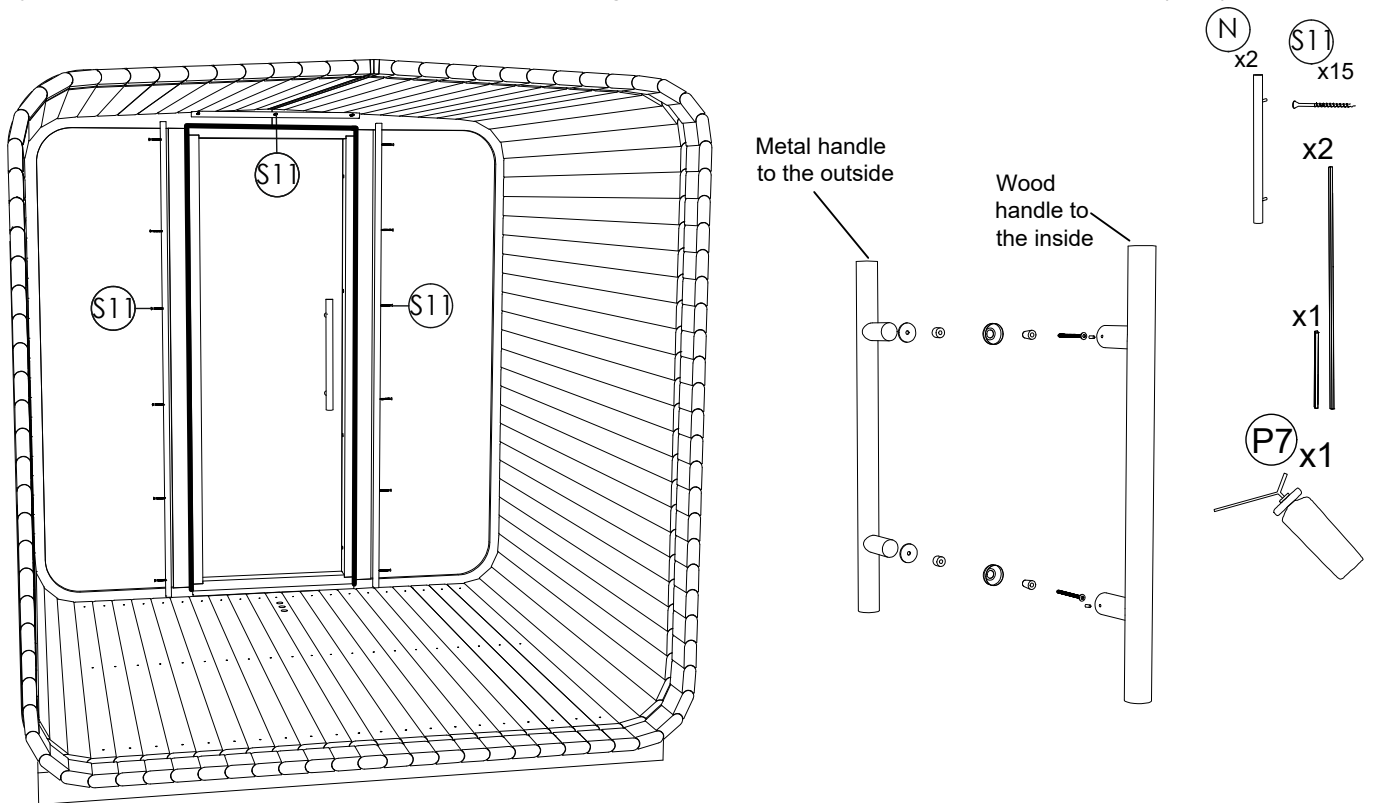
**STEP 18:** Fix one side of the door box with screws (S14) slightly to the outside through spacers. Then put spacers in other side. Combine spacers for necessary width. Spacers must fit tightly, they can't slip down before door is fixed with screws. Use screws (S14) to fix doors. Check door box, both sides should be straight, they must not be bent inwards or outwards.

(S14)  
x8

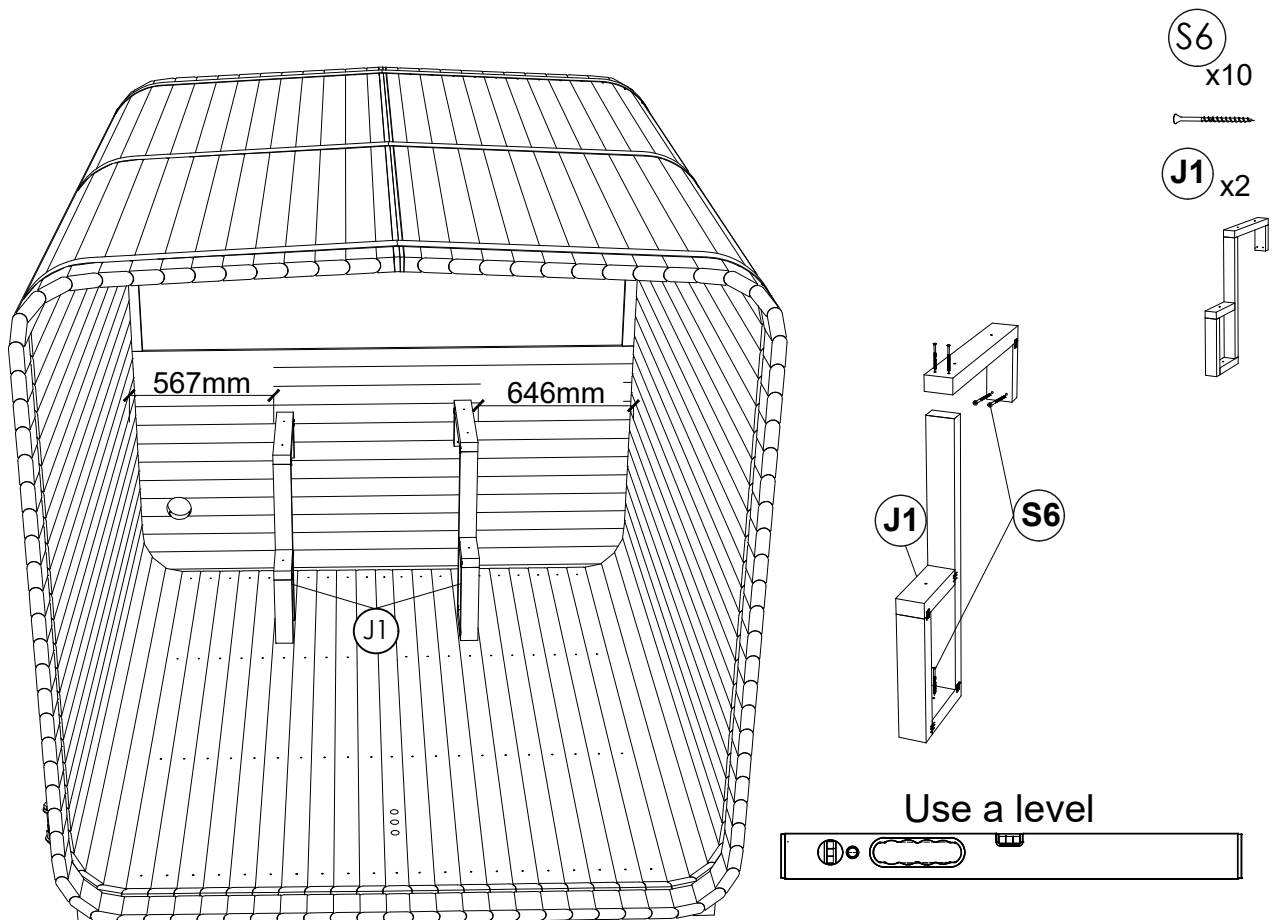
Use a level



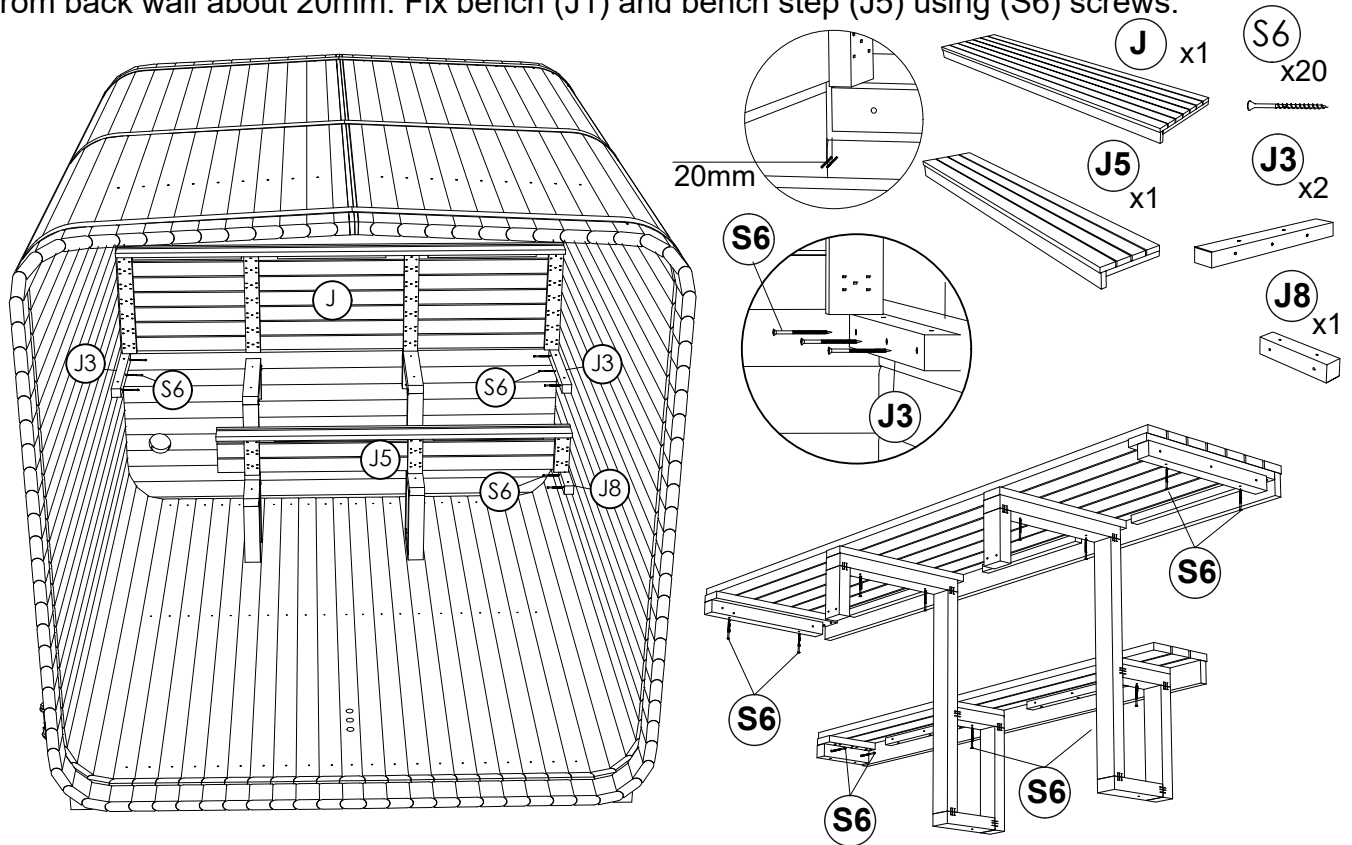
**STEP 19:** Use spray foam around door box. Let the spray foam dry. The excess amount will come off easily if you don't touch it while it's wet. Fix door moldings to both sides and on top of the door with (S11) screws.



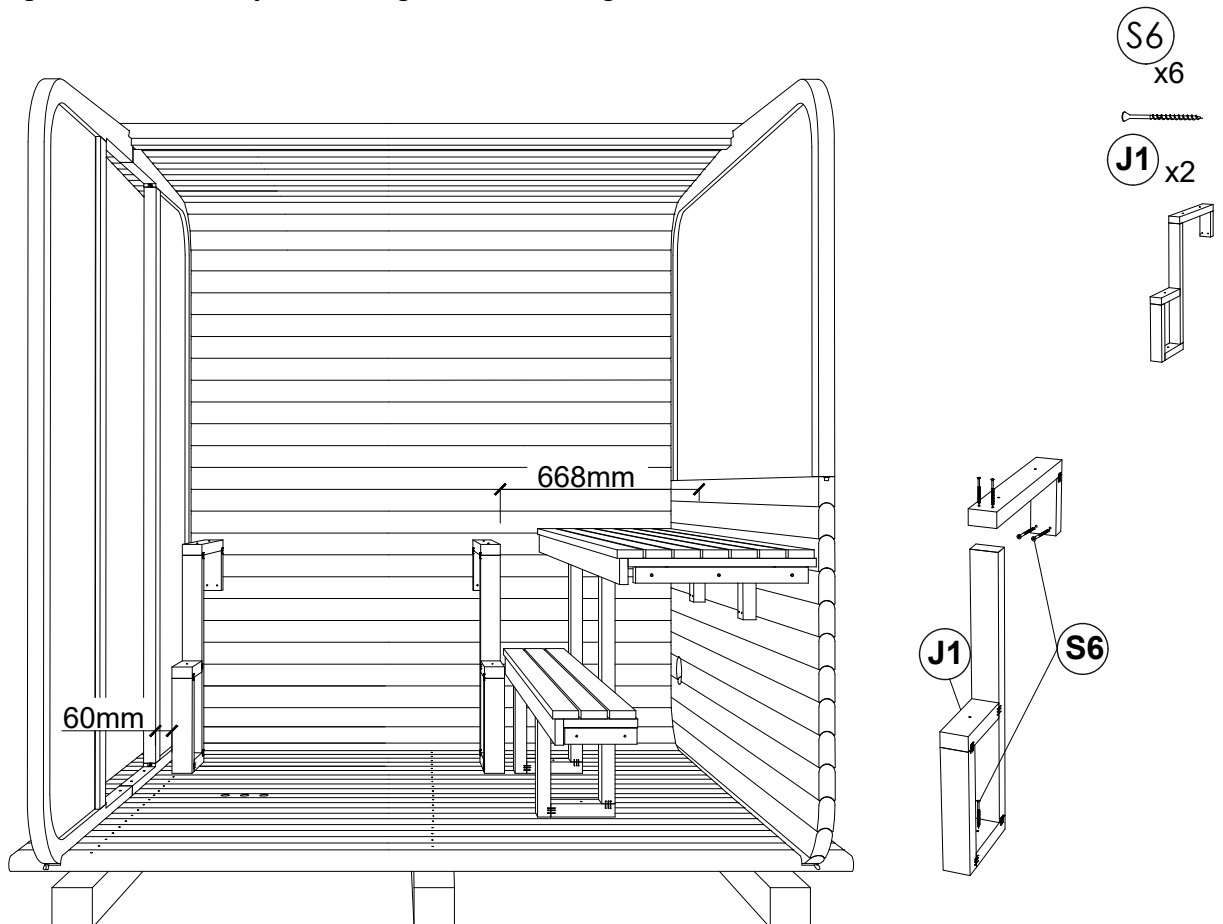
**STEP 20:** Install bench legs (J1) with (S6) screws. Take measurements as in the picture. Check the legs to ensure they are straight from all angles.



**STEP 21:** Place long sauna bench upwards on the bench legs. Then install bench support boards (J3) on the side walls using S6 screws, at the same level as the bench legs. Leave gap from back wall about 20mm. Fix bench (J1) and bench step (J5) using (S6) screws.

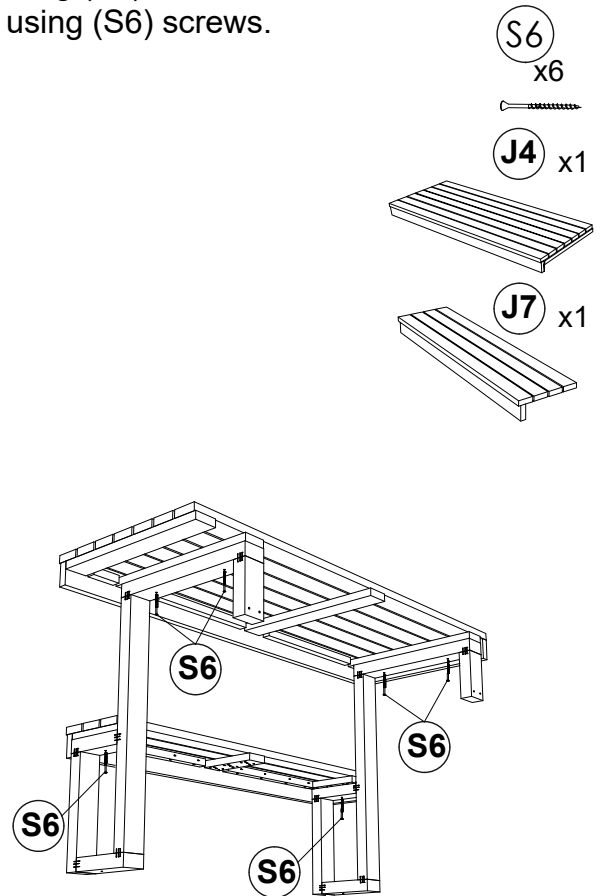
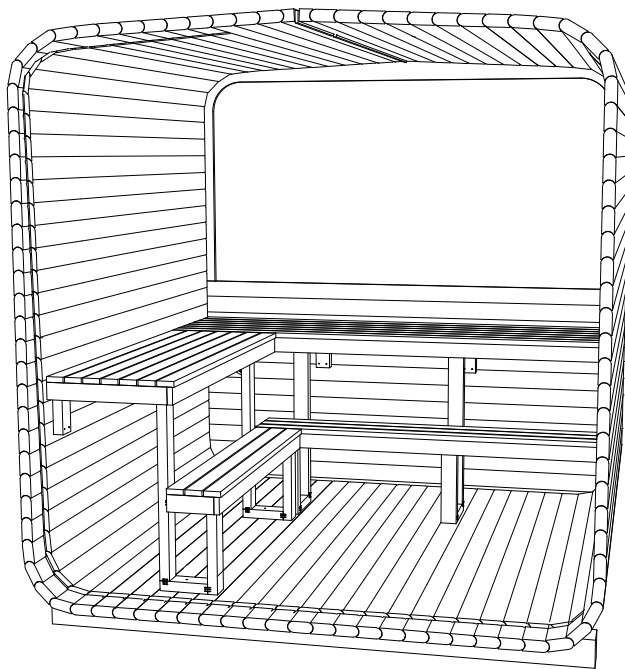


**STEP 22:** Install bench legs (J6) with (S6) screws. Take measurements as in the picture. Check the legs to ensure they are straight from all angles.

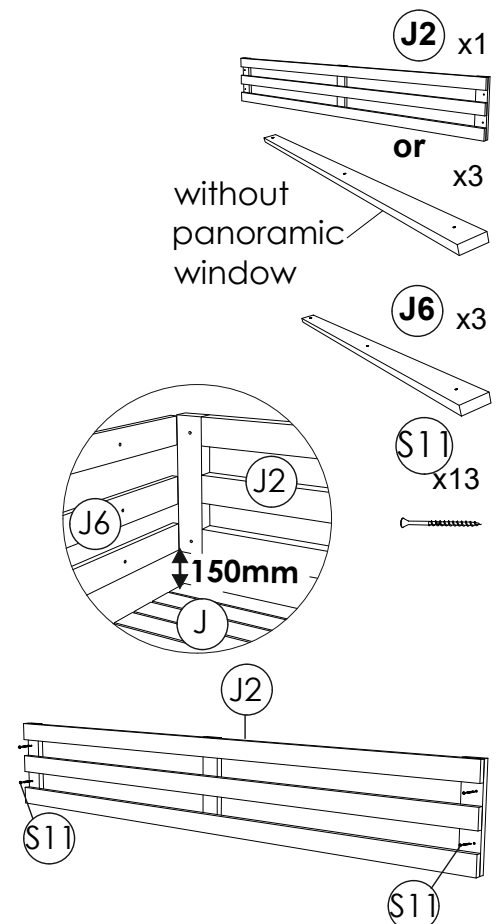
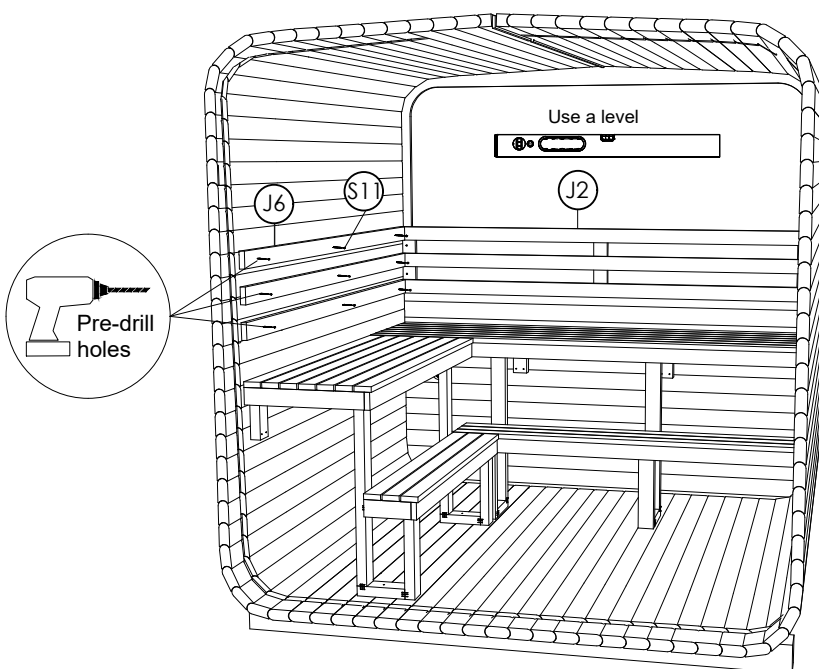




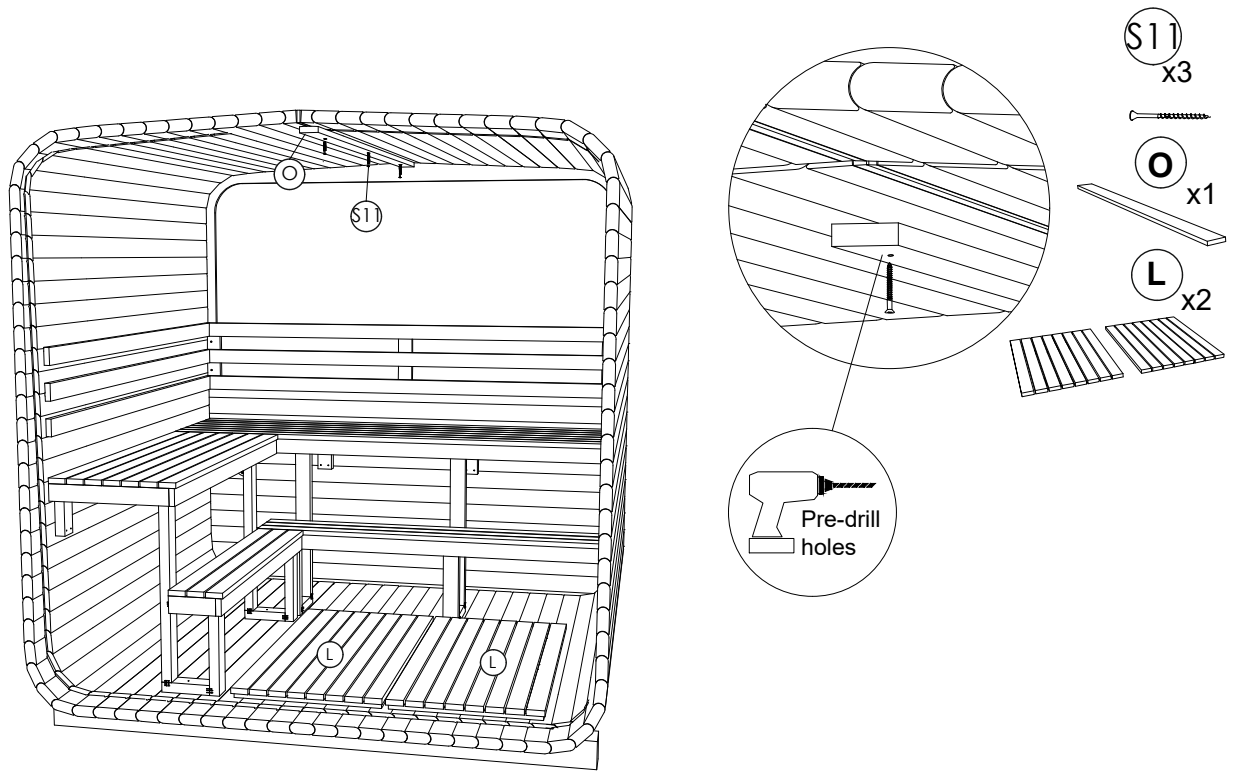
**STEP 23:** Fix sauna bench (J4) on top of the legs (J6) using (S6). Bench cross boards have to match the tops of the bench legs. Fix Bench step (J7) using (S6) screws.



**STEP 24:** Fix the backrest (J2) in front of the panoramic window 150mm up from the sauna bench. Then install backrest staves (J6) at the same height as (J2). Pre-drill holes for screws.

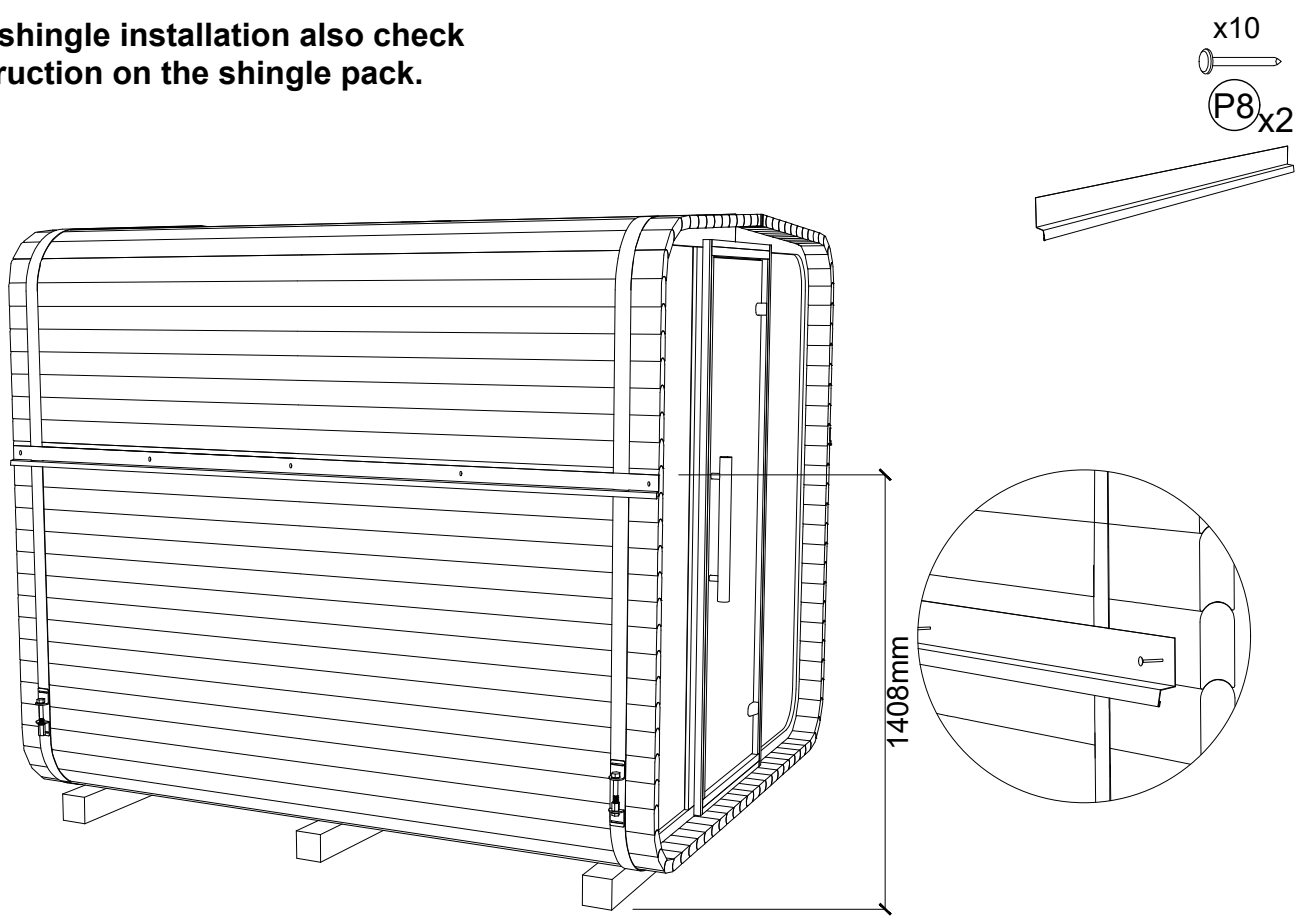


**STEP 25:** Install the ceiling board (O) in the middle of the ceiling, pre-drill holes for screws (S11). Lay in sauna floor (L).



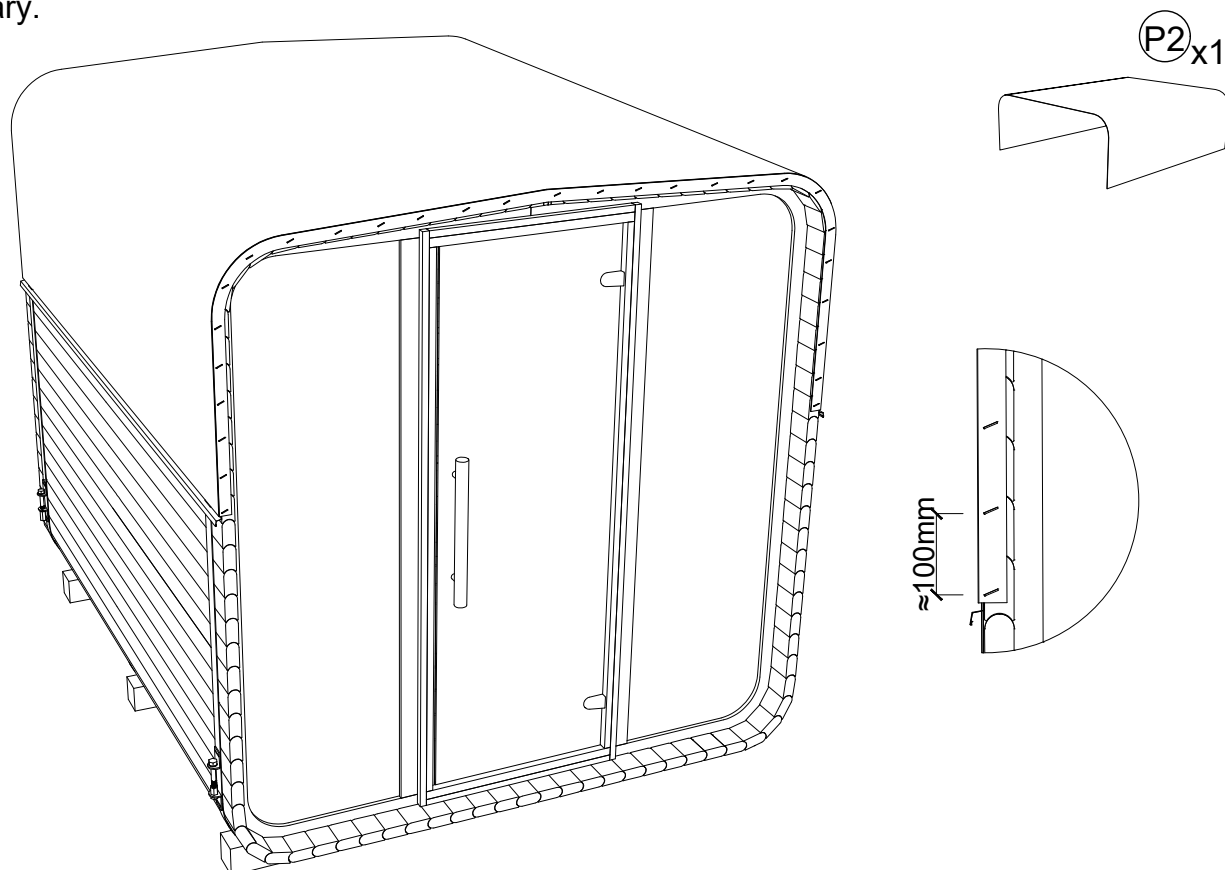
**STEP 26:** Place the rain droplet upper edge 1408mm from ground. Make sure it's leveled. Fix it with shingle nails.

**For shingle installation also check instruction on the shingle pack.**



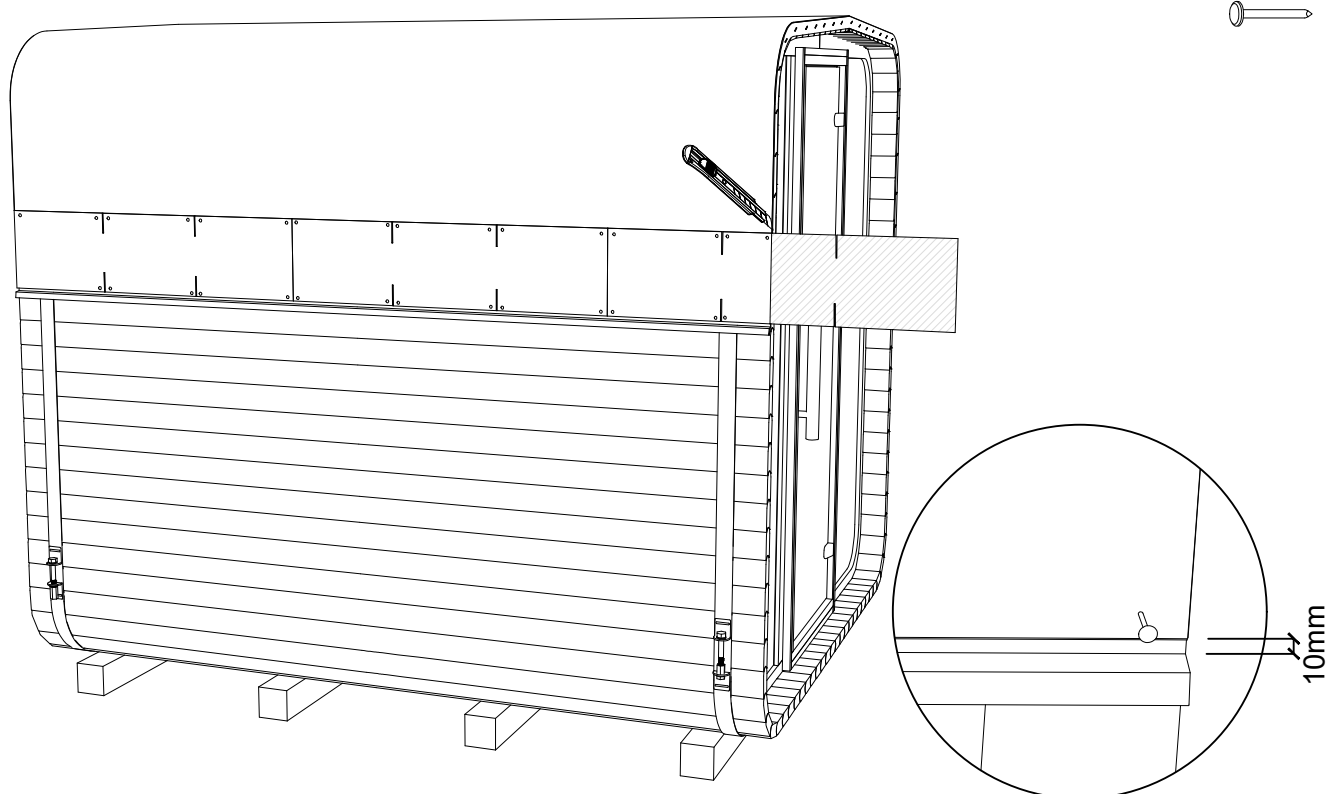
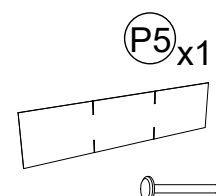


**STEP 27:** Lay out underlay on the roof evenly to both sides. Leave about 40mm over the front and back edges. Staple underlay at the front and back edges. Cut excess underlay if necessary.

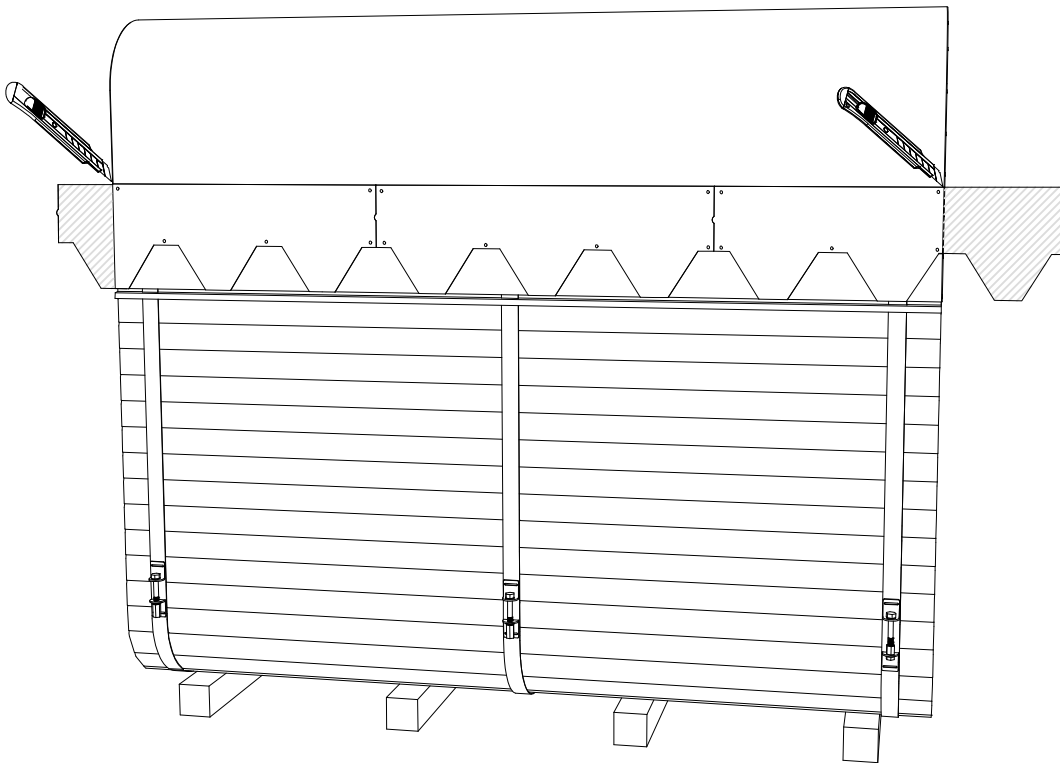


**STEP 28:** Remove protective film from the bottom of the sheet. Place starting shingles next to each other. Then fix with nails as in picture. Cut excess part of the starting shingle before nailing it. Do the same on the other side.

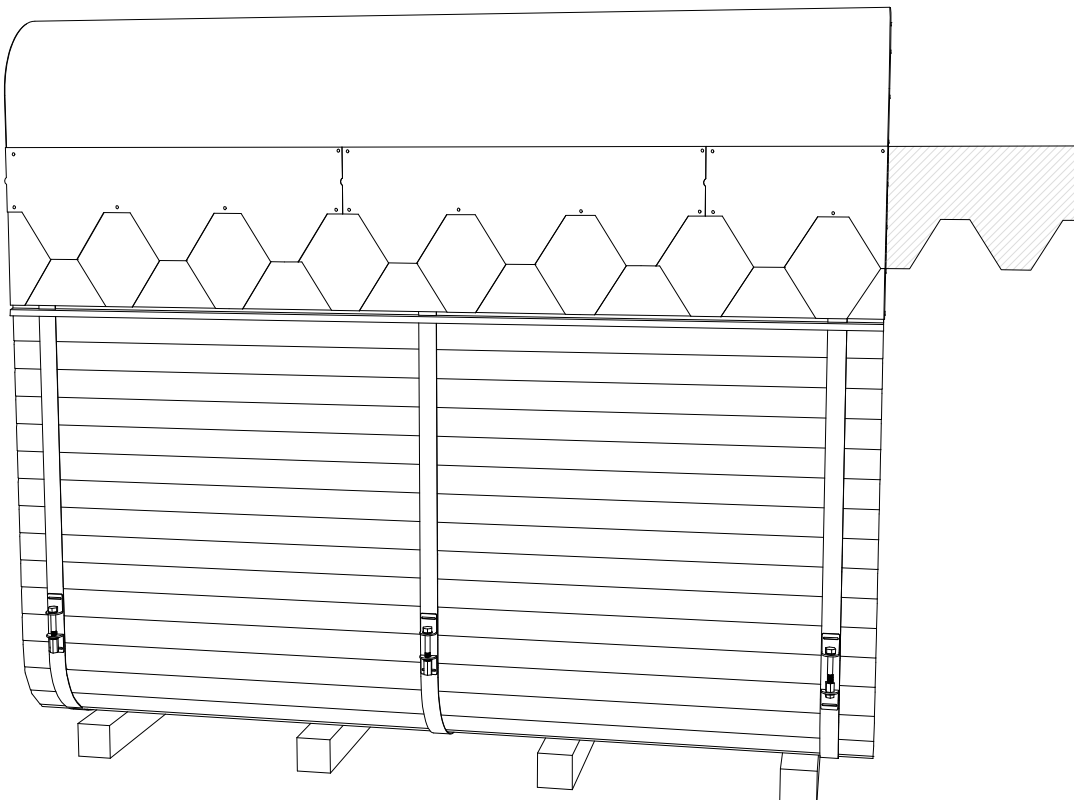
**The length of the cut part of the shingle sheet will be different, because the model shown in the picture is longer**



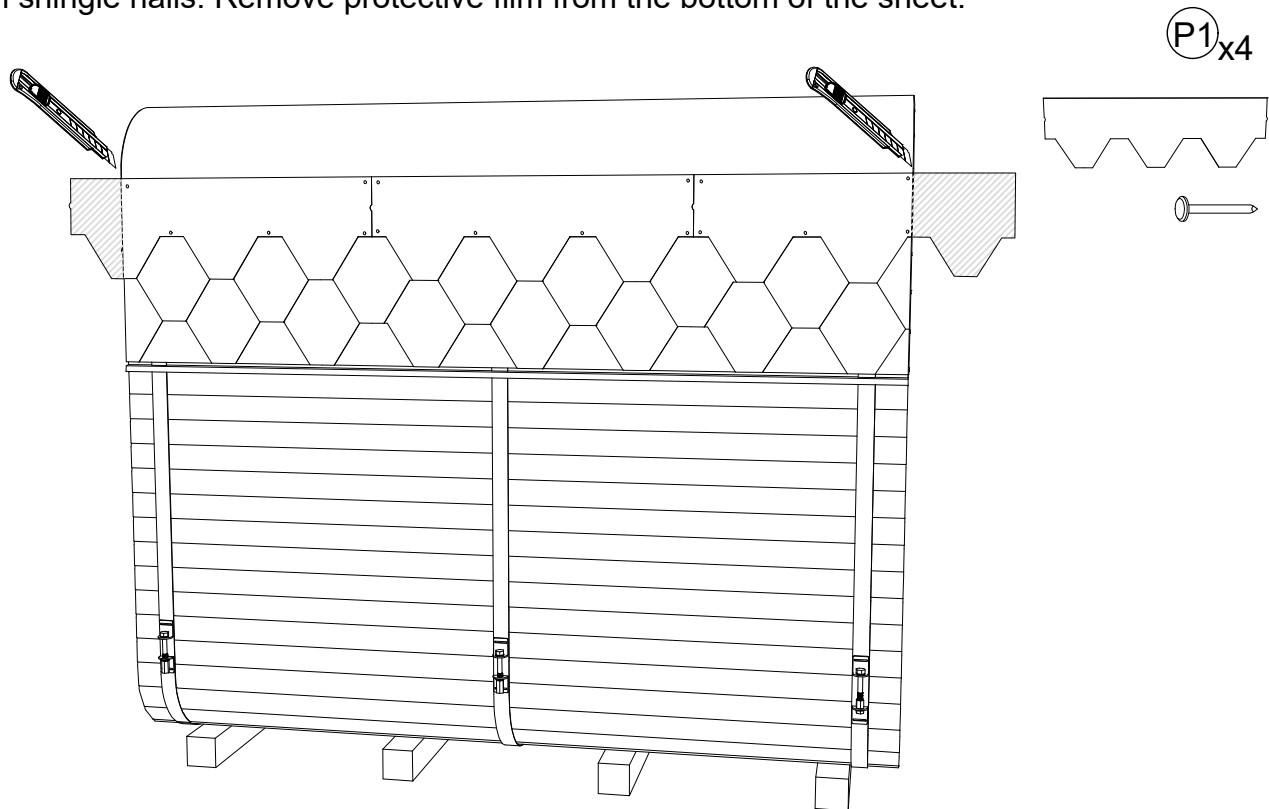
**STEP 31:** For 1st shingle cut off the half of hexagonal part. Remove protective film from the bottom of the sheet. Start placing shingles over starting shingles. Fix 2nd shingle next to first. 3rd shingle needs to be cut. Measure the necessary length and fix it with nails.



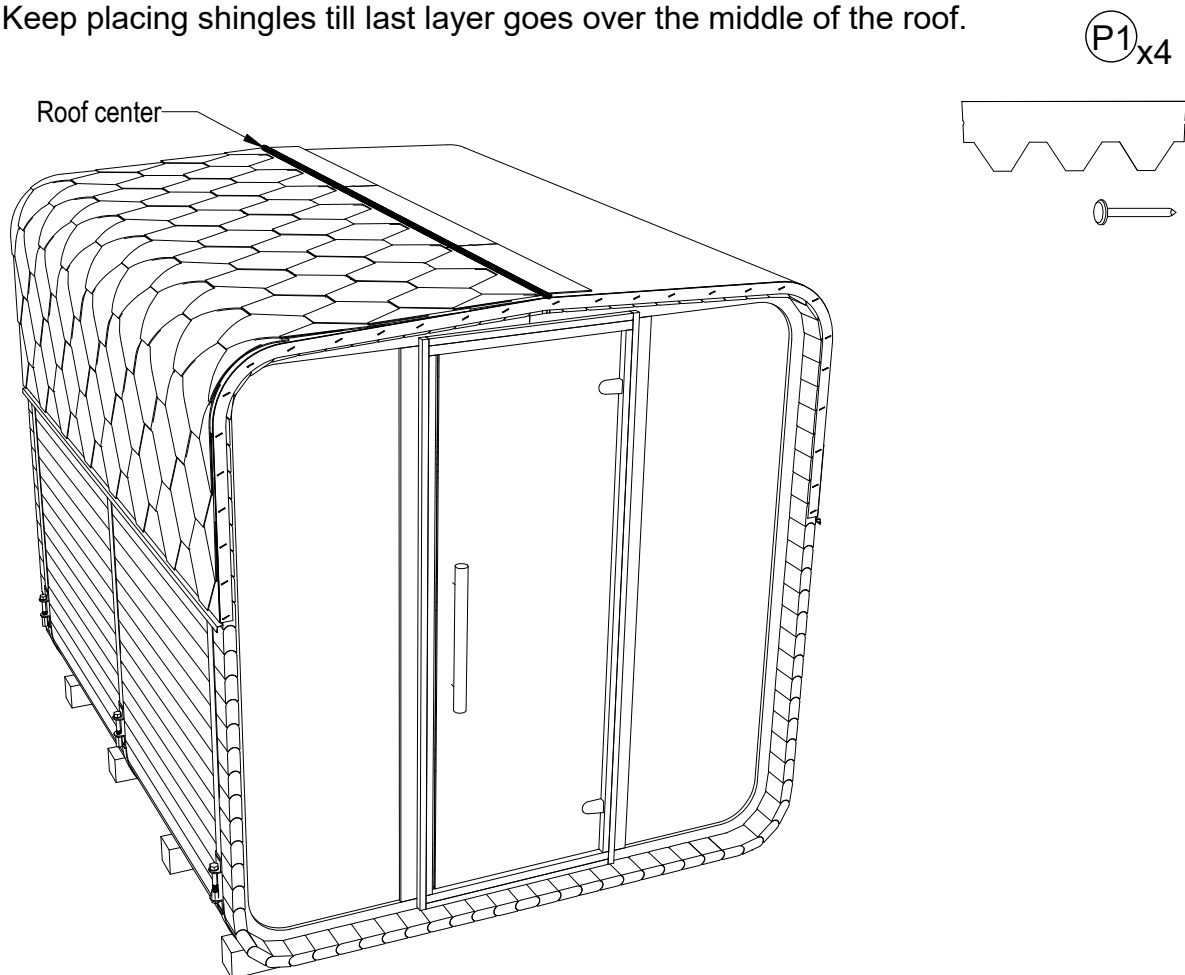
**STEP 32:** Remove the protective film from the bottom of the sheet. The second row starts with the whole shingle, fix it with shingle nails. Last shingle needs to be cut by measured length.



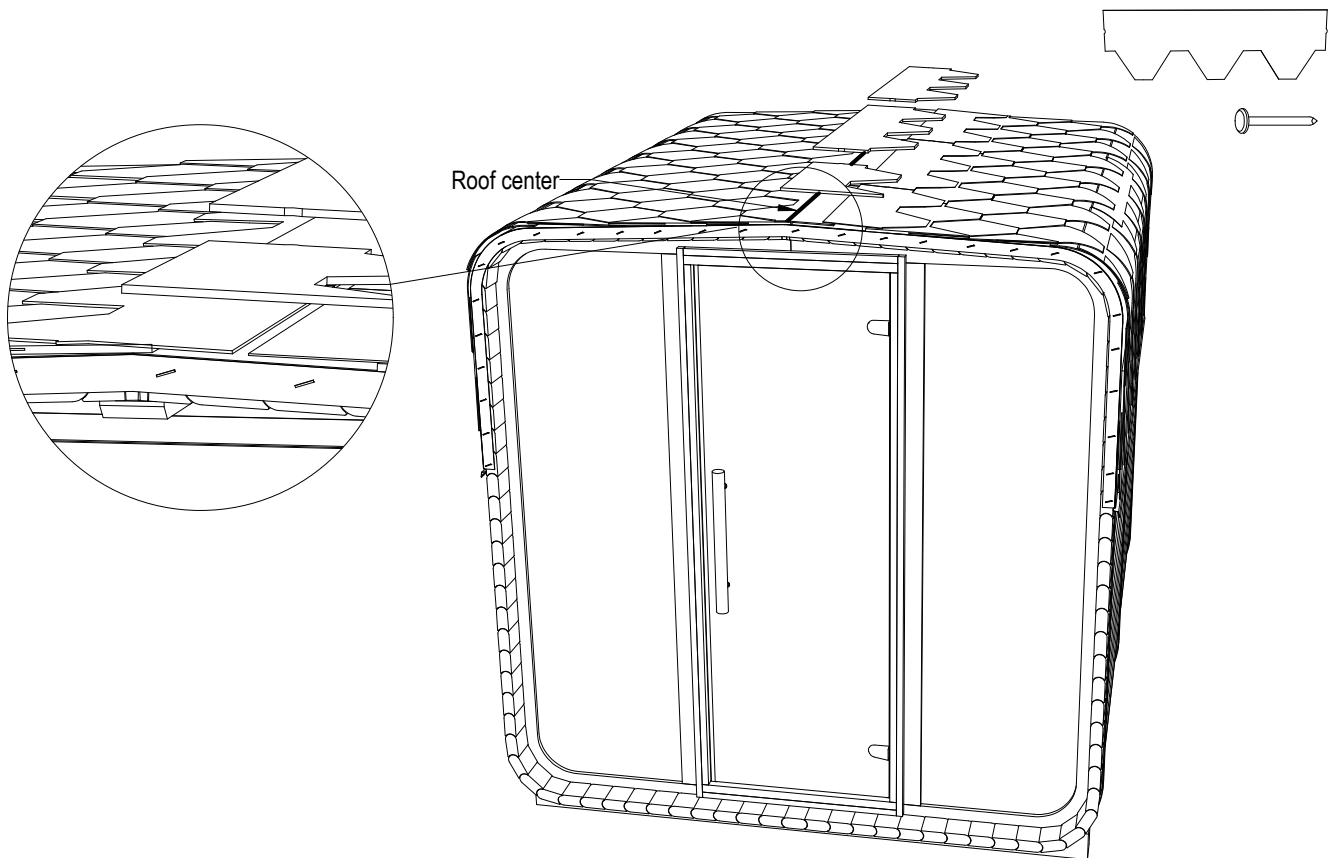
**STEP 33:** Third row goes exactly like first row. Cut half of hexagonal part from shingle and fix it with shingle nails. Remove protective film from the bottom of the sheet.



**STEP 34:** Keep placing shingles till last layer goes over the middle of the roof.

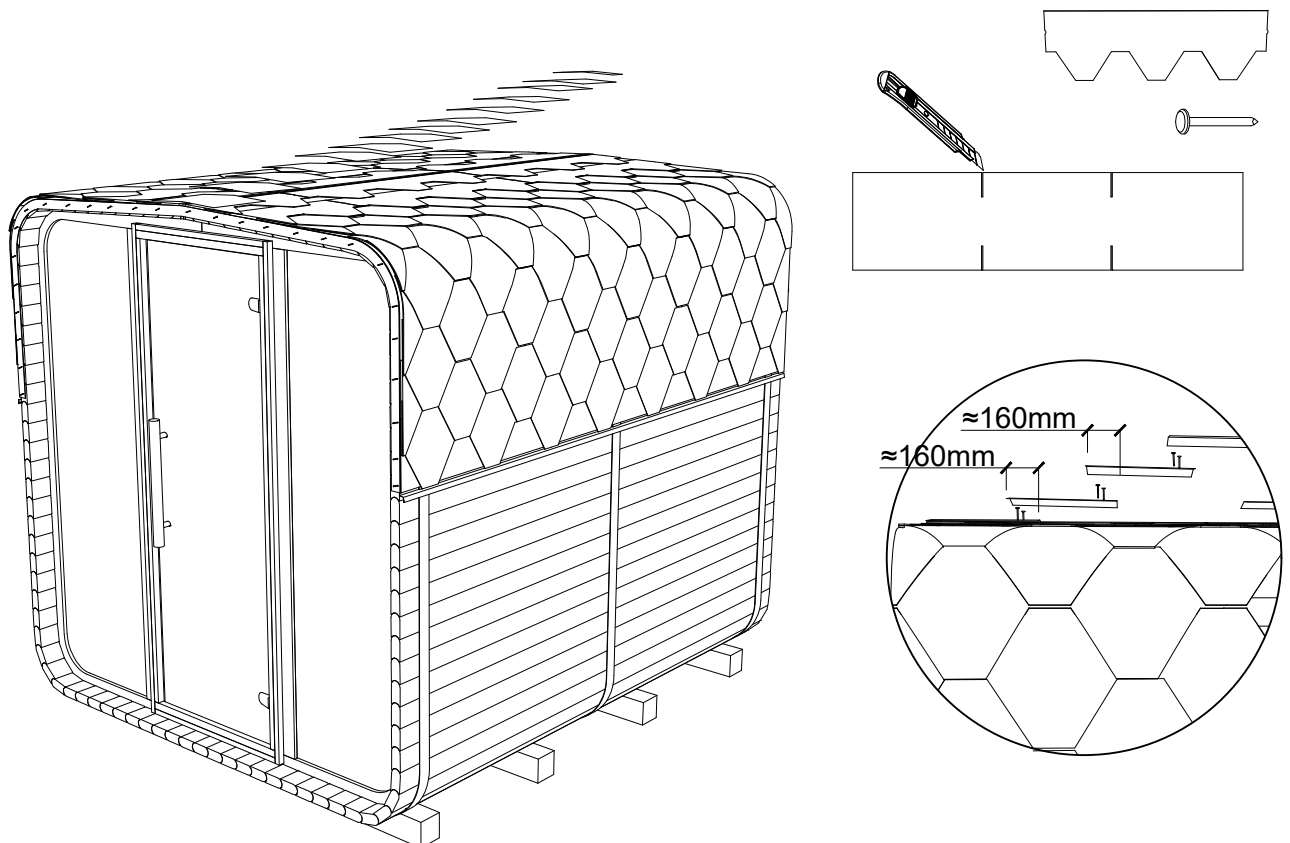


**STEP 35:** Repeat same steps for other side, till last layer goes over middle of the roof. Use heat source for better adhesion. Lift every rectangle, heat a bit and press it to the roof. (P1)<sub>x4</sub>

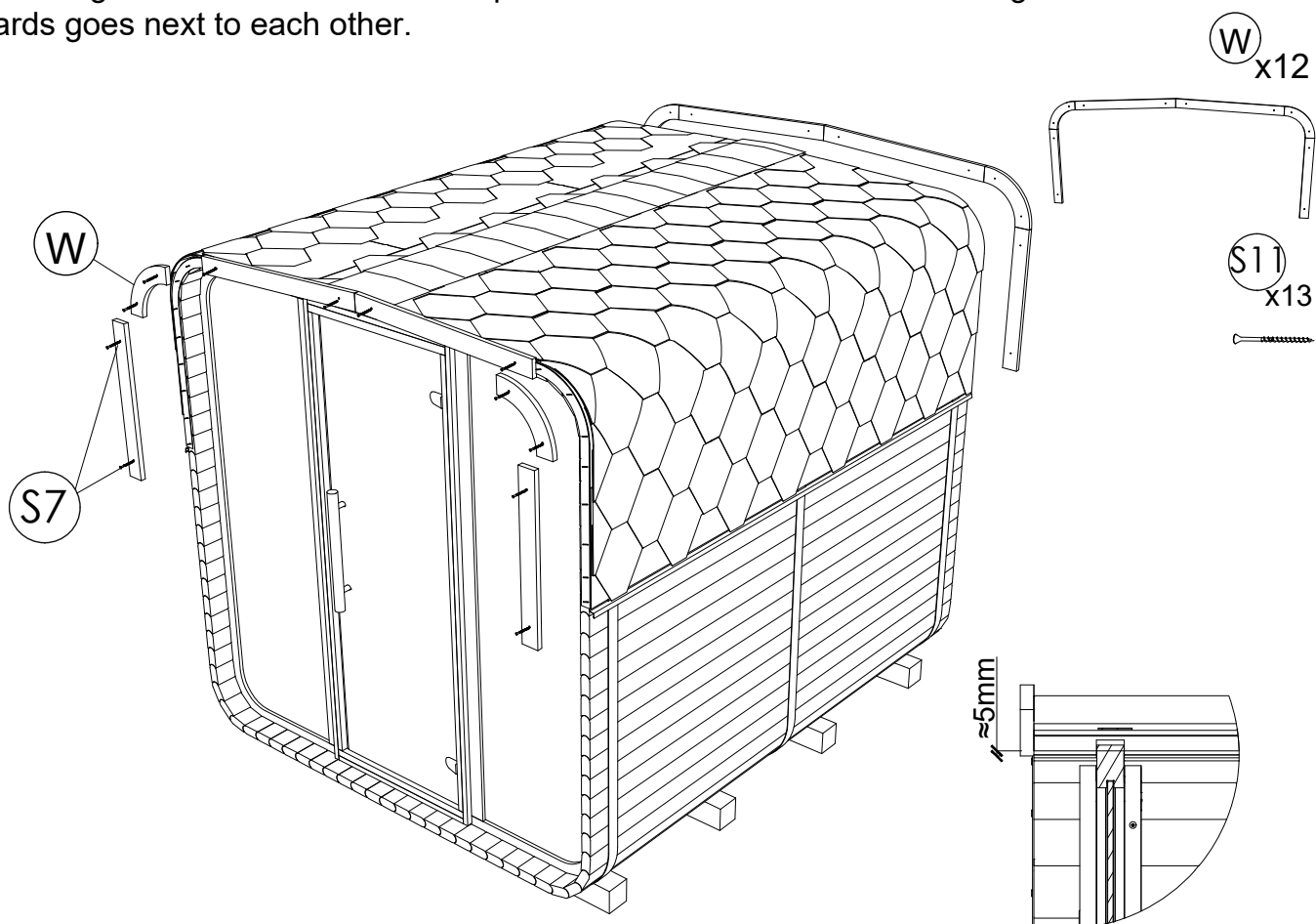


**STEP 36:** For top of the roof use starting shingles. Cut some shingles in squares, there are marked lines. Take off protective film. Nail each shingle with two nails. Next shingle goes about 160mm over previous. After it's done, use heat source for better adhesion.

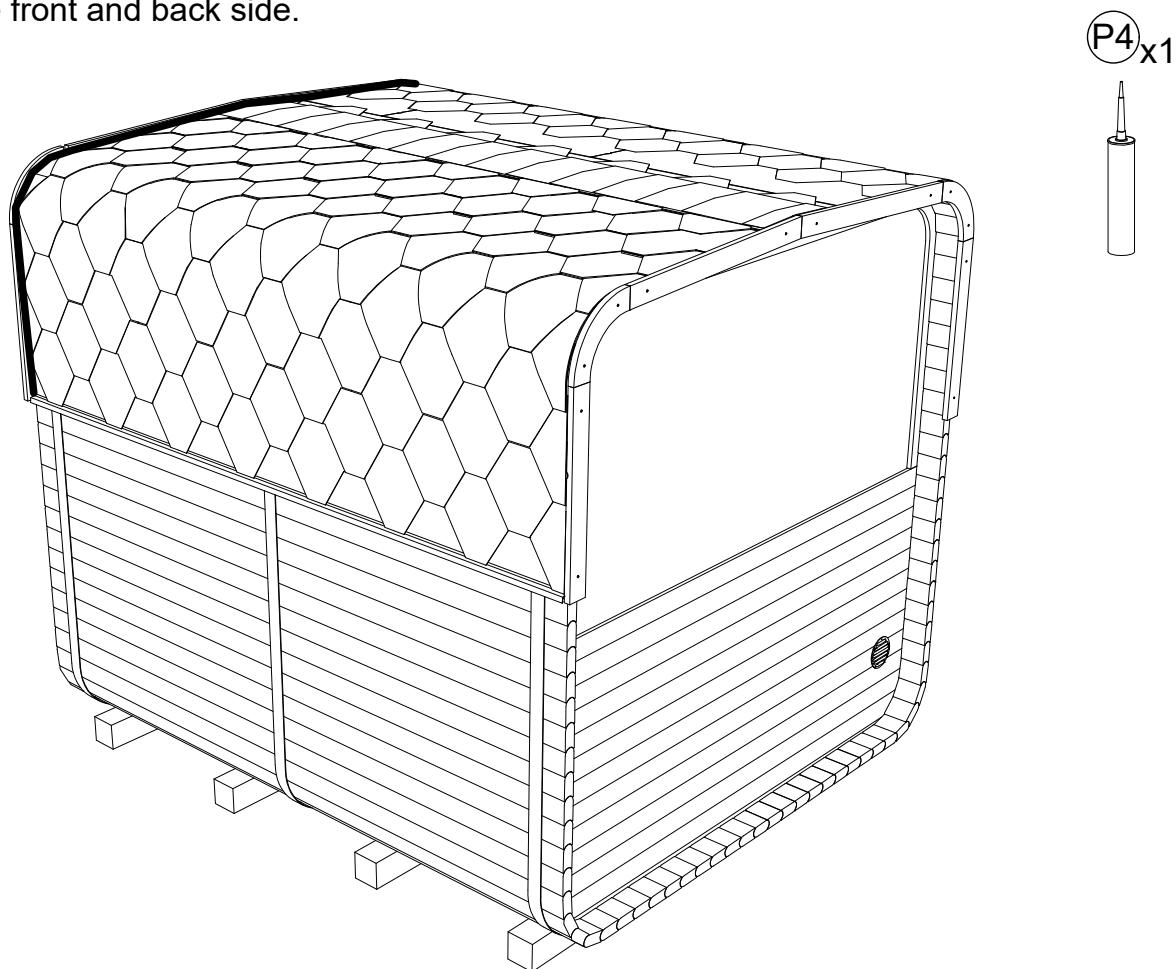
(P1)<sub>x4</sub>



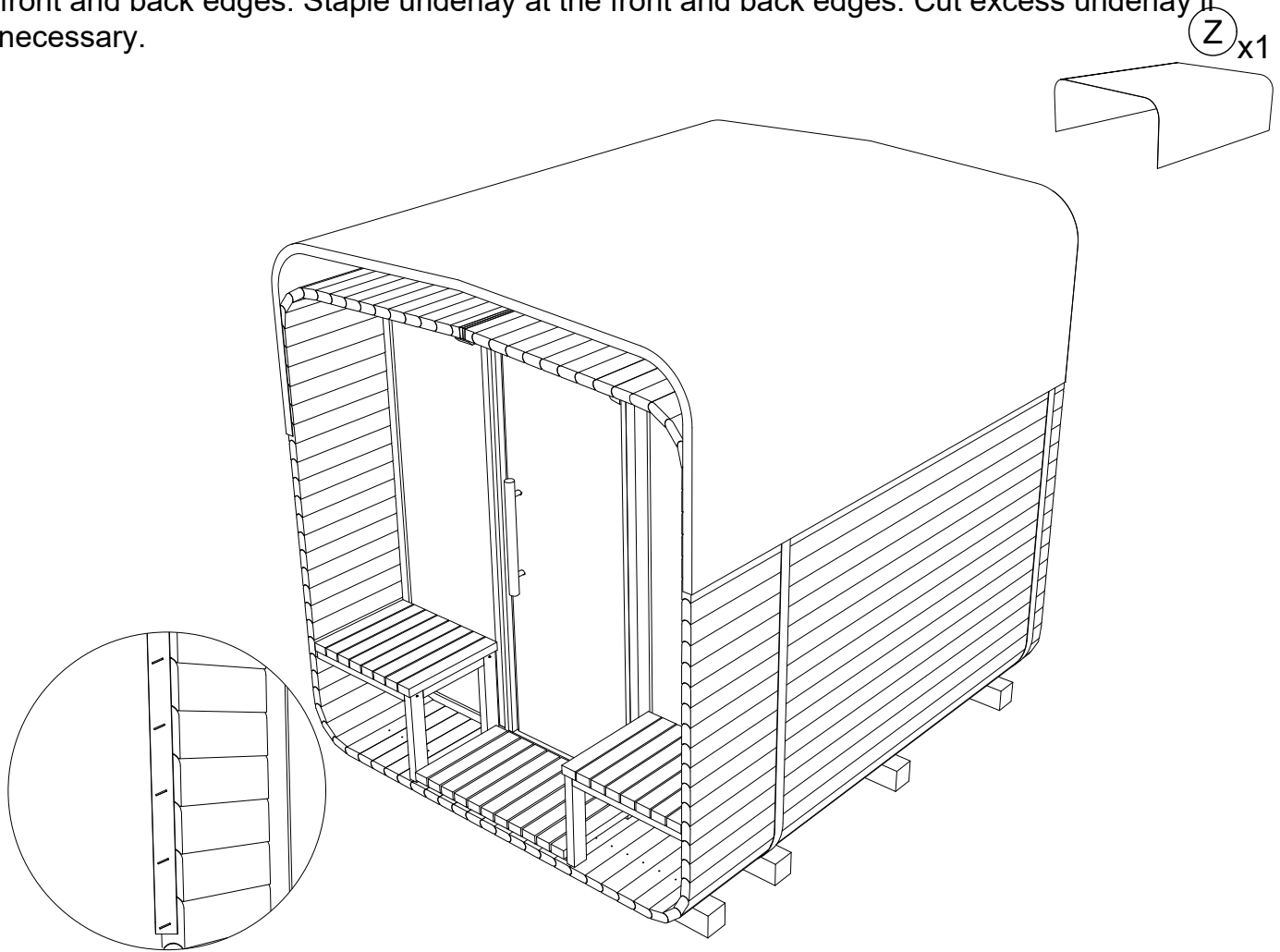
**STEP 37:** Install front and back decorative roof finishing boards using (S7) screws. Start by measuring the centre and fix two top boards  $\approx 5\text{mm}$  from bottom roof edge. Then rest of the boards goes next to each other.



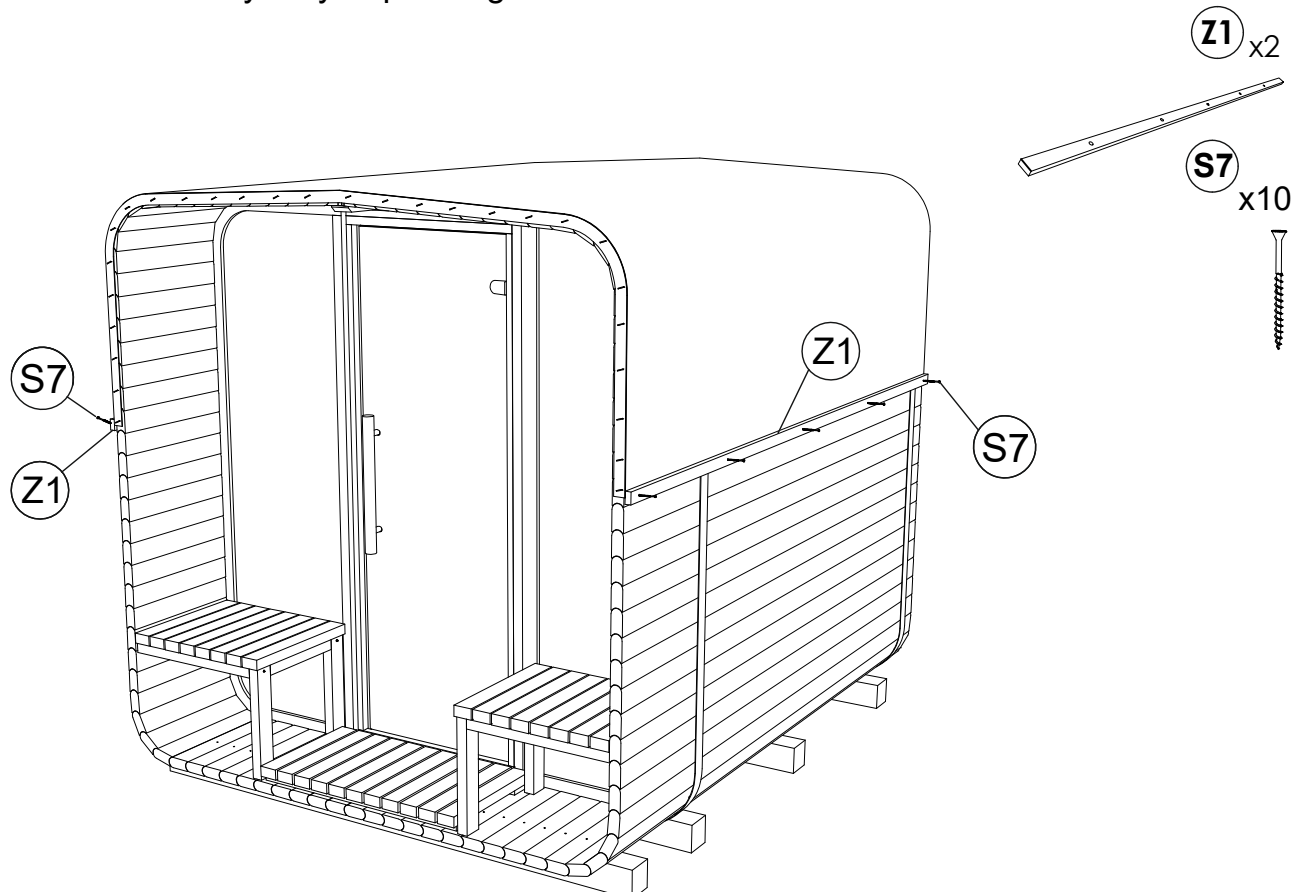
**STEP 38:** Use bitumen sealant behind decorative boards to fill gap between shingles and boards at the front and back side.



**STEP 28-1:** Lay out underlay on the roof evenly to both sides. Leave about 40mm over the front and back edges. Staple underlay at the front and back edges. Cut excess underlay if necessary.



**STEP 28-2:** Fix with wooden slats (Z1) with screws (S7) on the rain jacket bottom. The number of screws may vary depending on the sauna model. Pre drill holes for screws.



**STEP 28-3:** Install front and back decorative roof finishing boards using (S7) screws. Start by fixing two top boards ≈5mm from roof bottom edge, then rest of it goes next to each other.

